

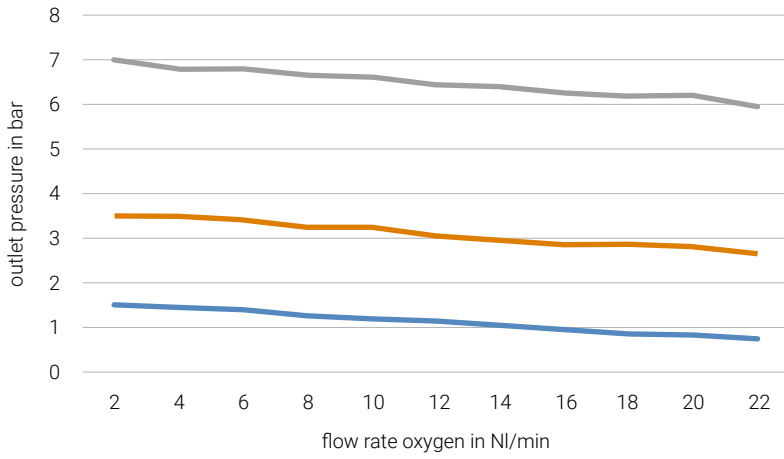


# High Purity Systems

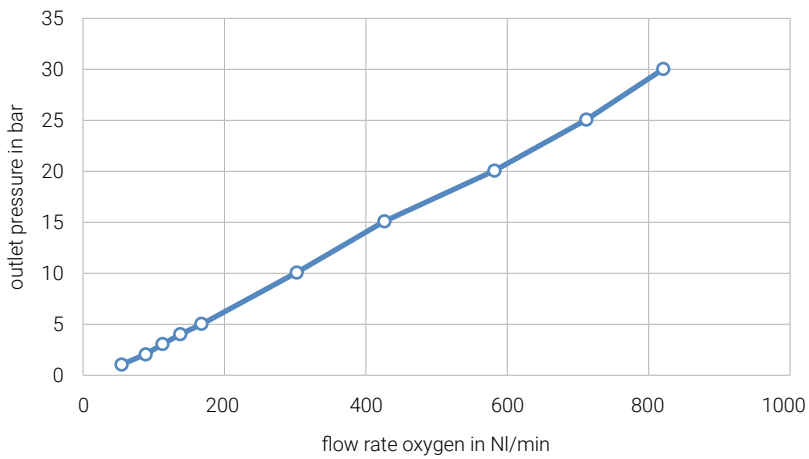
We can handle pressure

***Hy-Lok D***

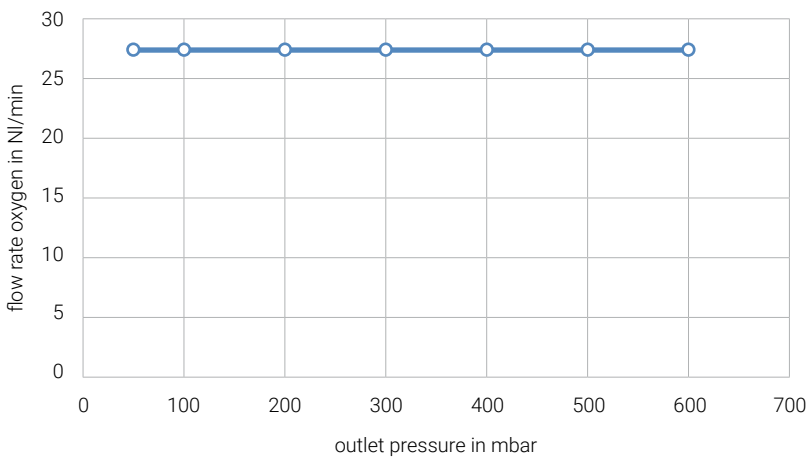
## Flow rate curves SIGMA



## Flow rate SIGMA



## Flow rate OMEGA



other specifications on request

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## Cylinder regulator type Sigma 1BCH

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve



Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-1-00001	1BCH-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-1-00005	1BCH-1-SK1R-006-PI315-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-1-00007	1BCH-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-1-00009	1BCH-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-1-00002	1BCH-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-2-00001	1BCH-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-2-00005	1BCH-2-SK1R-006-PI315-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-2-00007	1BCH-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-2-00009	1BCH-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-2-00002	1BCH-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-3-00001	1BCH-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-3-00005	1BCH-3-SK1R-006-PI315-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-3-00016	1BCH-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-3-00015	1BCH-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-3-00002	1BCH-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCH-4-00001	1BCH-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCH-4-00005	1BCH-4-SK1R-006-PI315-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCH-4-00007	1BCH-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCH-4-00014	1BCH-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCH-4-00002	1BCH-4-SK1R-014-PI315-PI025B-MA-VM6

## Cylinder regulator type Sigma 1BCL

single stage, acc. to **DIN EN ISO 2503**, like 1BCH but inlet pressure up to 70 bar

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-1-00001	1BCL-1-SK1R-001-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-1-00003	1BCL-1-SK1R-006-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-1-00004	1BCL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-1-00005	1BCL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-1-00006	1BCL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-2-00005	1BCL-2-SK1R-001-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-2-00006	1BCL-2-SK1R-006-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-2-00007	1BCL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-2-00008	1BCL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-2-00009	1BCL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-3-00004	1BCL-3-SK1R-001-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-3-00005	1BCL-3-SK1R-006-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-3-00006	1BCL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-3-00007	1BCL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-3-00008	1BCL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCL-4-00001	1BCL-4-SK1R-001-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCL-4-00002	1BCL-4-SK1R-006-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1BCL-4-00003	1BCL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1BCL-4-00004	1BCL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCL-4-00005	1BCL-4-SK1R-014-PI100-PI025B-MA-VM6

## Cylinder regulator type Sigma 2BCH

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve



Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 170 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-1-00001	2BCH-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-1-00005	2BCH-1-SK1R-006-PI315-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-1-00021	2BCH-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-1-00015	2BCH-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-1-00002	2BCH-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-2-00001	2BCH-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-2-00005	2BCH-2-SK1R-006-PI315-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-2-00008	2BCH-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-2-00012	2BCH-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-2-00002	2BCH-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-3-00001	2BCH-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-3-00005	2BCH-3-SK1R-006-PI315-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-3-00017	2BCH-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-3-00007	2BCH-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-3-00002	2BCH-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCH-4-00001	2BCH-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCH-4-00005	2BCH-4-SK1R-006-PI315-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCH-4-00008	2BCH-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCH-4-00009	2BCH-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCH-4-00002	2BCH-4-SK1R-014-PI315-PI025B-MA-VM6

## Cylinder regulator type Sigma 2BCL

double stage, acc. to **DIN EN ISO 2503**, like 2BCH but inlet pressure up to 70 bar

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-1-00001	2BCL-1-SK1R-001-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-1-00002	2BCL-1-SK1R-006-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-1-00003	2BCL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-1-00004	2BCL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-1-00005	2BCL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-2-00002	2BCL-2-SK1R-001-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-2-00001	2BCL-2-SK1R-006-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-2-00003	2BCL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-2-00004	2BCL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-2-00005	2BCL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-3-00004	2BCL-3-SK1R-001-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-3-00005	2BCL-3-SK1R-006-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-3-00006	2BCL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-3-00007	2BCL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-3-00008	2BCL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCL-4-00001	2BCL-4-SK1R-001-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCL-4-00002	2BCL-4-SK1R-006-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCL-4-00003	2BCL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCL-4-00004	2BCL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCL-4-00005	2BCL-4-SK1R-014-PI100-PI025B-MA-VM6

## Cylinder regulator type Sigma 1SSH

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-1-00001	1SSH-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-1-00020	1SSH-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-1-00005	1SSH-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-1-00022	1SSH-1-SK1R-008-PI250-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-1-00021	1SSH-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-1-00007	1SSH-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-1-00002	1SSH-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-2-00001	1SSH-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-2-00008	1SSH-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-2-00005	1SSH-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-2-00016	1SSH-2-SK1R-008-PI250-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-2-00017	1SSH-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-2-00018	1SSH-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-2-00002	1SSH-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-3-00001	1SSH-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-3-00017	1SSH-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-3-00005	1SSH-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-3-00012	1SSH-3-SK1R-008-PI250-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-3-00018	1SSH-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-3-00010	1SSH-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-3-00002	1SSH-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSH-4-00001	1SSH-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSH-4-00011	1SSH-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSH-4-00005	1SSH-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSH-4-00012	1SSH-4-SK1R-008-PI250-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSH-4-00008	1SSH-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSH-4-00007	1SSH-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSH-4-00002	1SSH-4-SK1R-014-PI250-PI025B-MA-VM6

## Cylinder regulator type Sigma 1SSL

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-1-00001	1SSL-1-SK1R-001-PI100-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-1-00006	1SSL-1-SK1R-005-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-1-00007	1SSL-1-SK1R-006-PI100-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-1-00008	1SSL-1-SK1R-008-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-1-00009	1SSL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-1-00010	1SSL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-1-00011	1SSL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-2-00012	1SSL-2-SK1R-001-PI100-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-2-00013	1SSL-2-SK1R-005-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-2-00005	1SSL-2-SK1R-006-PI100-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-2-00014	1SSL-2-SK1R-008-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-2-00015	1SSL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-2-00016	1SSL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-2-00017	1SSL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-3-00003	1SSL-3-SK1R-001-PI100-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-3-00004	1SSL-3-SK1R-005-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-3-00005	1SSL-3-SK1R-006-PI100-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-3-00002	1SSL-3-SK1R-008-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-3-00006	1SSL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-3-00007	1SSL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-3-00008	1SSL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSL-4-00001	1SSL-4-SK1R-001-PI100-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSL-4-00002	1SSL-4-SK1R-005-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSL-4-00003	1SSL-4-SK1R-006-PI100-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSL-4-00004	1SSL-4-SK1R-008-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	1SSL-4-00005	1SSL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	1SSL-4-00006	1SSL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSL-4-00007	1SSL-4-SK1R-014-PI100-PI025B-MA-VM6

## Cylinder regulator type Sigma 2SSH

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 170 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	2,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-1-00001	2SSH-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-1-00013	2SSH-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-1-00005	2SSH-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-1-00014	2SSH-1-SK1R-008-PI250-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-1-00015	2SSH-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-1-00016	2SSH-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-1-00002	2SSH-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-2-00001	2SSH-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-2-00012	2SSH-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-2-00005	2SSH-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-2-00013	2SSH-2-SK1R-008-PI250-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-2-00014	2SSH-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-2-00015	2SSH-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-2-00002	2SSH-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-3-00001	2SSH-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-3-00014	2SSH-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-3-00005	2SSH-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-3-00007	2SSH-3-SK1R-008-PI250-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-3-00015	2SSH-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-3-00008	2SSH-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-3-00002	2SSH-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSH-4-00001	2SSH-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSH-4-00012	2SSH-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSH-4-00005	2SSH-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSH-4-00013	2SSH-4-SK1R-008-PI250-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSH-4-00014	2SSH-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSH-4-00015	2SSH-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSH-4-00002	2SSH-4-SK1R-014-PI250-PI025B-MA-VM6

## Cylinder regulator type Sigma 2SSL

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 150 mm x 170 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-1-00001	2SSL-1-SK1R-001-PI100-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-1-00002	2SSL-1-SK1R-005-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-1-00003	2SSL-1-SK1R-006-PI100-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-1-00004	2SSL-1-SK1R-008-PI100-PI003B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-1-00005	2SSL-1-SK1R-009-PI100-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-1-00006	2SSL-1-SK1R-010-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-1-00007	2SSL-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-2-00002	2SSL-2-SK1R-001-PI100-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-2-00003	2SSL-2-SK1R-005-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-2-00001	2SSL-2-SK1R-006-PI100-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-2-00004	2SSL-2-SK1R-008-PI100-PI005B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-2-00005	2SSL-2-SK1R-009-PI100-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-2-00006	2SSL-2-SK1R-010-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-2-00007	2SSL-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-3-00001	2SSL-3-SK1R-001-PI100-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-3-00002	2SSL-3-SK1R-005-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-3-00003	2SSL-3-SK1R-006-PI100-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-3-00004	2SSL-3-SK1R-008-PI100-PI009B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-3-00005	2SSL-3-SK1R-009-PI100-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-3-00006	2SSL-3-SK1R-010-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-3-00007	2SSL-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSL-4-00001	2SSL-4-SK1R-001-PI100-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSL-4-00002	2SSL-4-SK1R-005-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSL-4-00003	2SSL-4-SK1R-006-PI100-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSL-4-00004	2SSL-4-SK1R-008-PI100-PI025B-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSL-4-00005	2SSL-4-SK1R-009-PI100-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSL-4-00006	2SSL-4-SK1R-010-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSL-4-00007	2SSL-4-SK1R-014-PI100-PI025B-MA-VM6

## Cylinder regulator type Sigma 1MH

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, made from monel for gas purity up to 6.0 and high corrosive gases with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve



Technical Data		Flow chart see page 2	
Body	Hastelloy	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	Hastelloy C276	W x H x D	180 mm x 150 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-1-00001	1MH-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-1-00005	1MH-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-1-00006	1MH-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-1-00003	1MH-1-SK1R-008-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-1-00007	1MH-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-2-00001	1MH-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-2-00002	1MH-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-2-00003	1MH-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-2-00004	1MH-2-SK1R-008-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-2-00005	1MH-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-3-00003	1MH-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-3-00004	1MH-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-3-00005	1MH-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-3-00006	1MH-3-SK1R-008-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-3-00007	1MH-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1MH-4-00001	1MH-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1MH-4-00002	1MH-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1MH-4-00003	1MH-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1MH-4-00004	1MH-4-SK1R-008-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1MH-4-00005	1MH-4-SK1R-014-PI250-PI025B-MA-VM6

## Cylinder regulator type Sigma 1ML

single stage, acc. to **DIN EN ISO 2503**, like 1MH but inlet pressure up to 200 bar 70 bar

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-1-00004	1ML-1-SK1R-001-PI100-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-1-00005	1ML-1-SK1R-005-PI100-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-1-00006	1ML-1-SK1R-006-PI100-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-1-00003	1ML-1-SK1R-008-PI100-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-1-00007	1ML-1-SK1R-014-PI100-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-2-00006	1ML-2-SK1R-001-PI100-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-2-00007	1ML-2-SK1R-005-PI100-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-2-00008	1ML-2-SK1R-006-PI100-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-2-00004	1ML-2-SK1R-008-PI100-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-2-00005	1ML-2-SK1R-014-PI100-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-3-00003	1ML-3-SK1R-001-PI100-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-3-00004	1ML-3-SK1R-005-PI100-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-3-00005	1ML-3-SK1R-006-PI100-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-3-00006	1ML-3-SK1R-008-PI100-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-3-00007	1ML-3-SK1R-014-PI100-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1ML-4-00001	1ML-4-SK1R-001-PI100-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1ML-4-00002	1ML-4-SK1R-005-PI100-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1ML-4-00003	1ML-4-SK1R-006-PI100-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1ML-4-00004	1ML-4-SK1R-008-PI100-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1ML-4-00005	1ML-4-SK1R-014-PI100-PI025B-MA-VM6

## In-line regulator type Sigma 1BCLH

single stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - inlet or outlet connections and other pressure ranges on request

Pressure	Article-no.	Description
0 - 1,5 bar	1BCLH-1-00001	1BCLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1BCLH-2-00001	1BCLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1BCLH-3-00001	1BCLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1BCLH-4-00001	1BCLH-4-NF4R-PI000-PI025B-MA-NF4



## In-line regulator type Sigma 1BCLL

single stage, acc. to **DIN EN ISO 7291**, like 1BCLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	1BCLL-1-00001	1BCLL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1BCLL-2-00001	1BCLL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1BCLL-3-00001	1BCLL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1BCLL-4-00001	1BCLL-4-NF4R-PI000-PI025B-MA-NF4



## In-line regulator type Sigma 2BCLH

double stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 170 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

Pressure	Article-no.	Description
0 - 1,5 bar	2BCLH-1-00001	2BCLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2BCLH-2-00001	2BCLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2BCLH-3-00001	2BCLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2BCLH-4-00001	2BCLH-4-NF4R-PI000-PI025B-MA-NF4



## In-line regulator type Sigma 2BCLL

double stage, acc. to **DIN EN ISO 7291**, like 2BCLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	2BCLL-1-00001	2BCLL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2BCLL-2-00001	2BCLL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2BCLL-3-00001	2BCLL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2BCLL-4-00001	2BCLL-4-NF4R-PI000-PI025B-MA-NF4

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - inlet or outlet connections and other pressure ranges on request



## In-line regulator type Sigma 1SSLH

single stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 and corrosive gases with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,0 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - inlet or outlet connections and other pressure ranges on request

Pressure	Article-no.	Description
0 - 1,5 bar	1SSLH-1-00001	1SSLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1SSLH-2-00001	1SSLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1SSLH-3-00001	1SSLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1SSLH-4-00001	1SSLH-4-NF4R-PI000-PI025B-MA-NF4



## In-line regulator type Sigma 1SSL

single stage, acc. to **DIN EN ISO 7291**, like 1SSLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	1SSL-1-00001	1SSL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	1SSL-2-00001	1SSL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	1SSL-3-00001	1SSL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	1SSL-4-00001	1SSL-4-NF4R-PI000-PI025B-MA-NF4



## In-line regulator type Sigma 2SSLH

double stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel	Inlet	1/4" NPT-F
Seals	EPDM, PTFE, PVDF	Outlet	1/4" NPT-F
Diaphragm	stainless steel	W x H x D	120 mm x 150 mm x 170 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,7 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - inlet or outlet connections and other pressure ranges on request

Pressure	Article-no.	Description
0 - 1,5 bar	2SSLH-1-00001	2SSLH-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2SSLH-2-00001	2SSLH-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2SSLH-3-00001	2SSLH-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2SSLH-4-00001	2SSLH-4-NF4R-PI000-PI025B-MA-NF4



## In-line regulator type Sigma 2SSL

double stage, acc. to **DIN EN ISO 7291**, like 2SSLH but inlet pressure up to 70 bar

Pressure	Article-no.	Description
0 - 1,5 bar	2SSL-1-00001	2SSL-1-NF4R-PI000-PI003B-MA-NF4
0 - 3,5 bar	2SSL-2-00001	2SSL-2-NF4R-PI000-PI005B-MA-NF4
0 - 7,0 bar	2SSL-3-00001	2SSL-3-NF4R-PI000-PI009B-MA-NF4
0 - 15,0 bar	2SSL-4-00001	2SSL-4-NF4R-PI000-PI025B-MA-NF4



## Cylinder regulator type Sigma 1BCH-F with flowmeter

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and flowmeter for precise control of the flow, please indicate before offer/order the requested working pressure and flow range, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 210 mm x 120 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,7 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	



## Cylinder regulator type Sigma 2BCH-F with flowmeter

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and **flowmeter for precise control of the flow**, please indicate before offer/order the requested working pressure and flow range, with 2 relief valves

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 210 mm x 210 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	



## Cylinder regulator type Sigma 1SSH-F with flowmeter

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and **flowmeter for precise control of the flow, please indicate before offer/order the requested working pressure and flow range**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	175 mm x 210 mm x 90 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	1,6 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	



## Cylinder regulator type Sigma 2SSH-F with flowmeter

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet gauge Ø 50 mm acc. to **EN 837** and **flowmeter for precise control of the flow, please indicate before offer/order the requested working pressure and flow range**, with 2 relief valves

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	180 mm x 210 mm x 210 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Gas type	Connection	Article-no.
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	on request
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	



## Internal and external purge systems

Add-on system for cylinder regulators, brass chrome-plated or stainless steel, pre-assembled with 2/3 shut off valves for single cylinder regulator and single manifold as well as with 4/6 shut off valves for two side manifolds internal and external purge systems

Technical Data		Flow chart see page 2	
Body	see below	Inlet	acc. to DIN 477-1
Seals	PTFE, FKM	Outlet	clamp ring 6 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	W x H x D	90 mm x 230 mm x 85 mm
Temperature	-40 up to +70 °C	Weight	ES 0,7 kg / FS 1,0 kg
		Cv-value	0,37 (larger on request)



Bauform	Material	zum Anschluss an	Article-no.	Description
internal purge system ES BC	brass chrome-plated	regulator Sigma/Omega 1/2 BC	440-00001	ES BG DRS-1BC1; DRS-2BC1. module internal purge system BC 6mm
external purge FS BC	brass chrome-plated	regulator Sigma/Omega 1/2 BC	440-00015	FS BG DRS-1BC1; DRS-2BC1. module external purge BC 6mm
internal purge system ES SS	stainless steel	regulator Sigma/Omega 1/2 SS	440-00004	ES BG DRS-1SS1; DRS-2SS1. module internal purge system SS 6mm
external purge FS SS	stainless steel	regulator Sigma/Omega 1/2 SS	440-00007	FS BG DRS-1SS1; DRS-2SS1. module external purge SS 6mm

## Compact regulator type Alpha A1AL

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar, very compact design, for gas purity up to 5.0, with Filter 100 µm, with working pressure gauge Ø 40 mm acc. to **ISO 5171**, with relief valve, pre-adjusted

Technical Data		Flow chart see page 2	
Body	aluminium anodized	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE	Outlet	1/8" NPT-F
Plunger	brass + seal PTFE	W x H x D	45 mm x 95 mm x 115 mm
Leakage rate	< 1x10 <sup>-7</sup> mbar l/s	Weight	0,35 kg
Temperature	-20 up to +50 °C	Cv-value	-



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0,7 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-01-00001	A1AL-01-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-01-00002	A1AL-01-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-01-00003	A1AL-01-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-01-00004	A1AL-01-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-01-00005	A1AL-01-HD1H-014-PI250-PI000B-MA-NF2
1,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-02-00001	A1AL-02-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-02-00002	A1AL-02-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-02-00003	A1AL-02-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-02-00004	A1AL-02-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-02-00005	A1AL-02-HD1H-014-PI250-PI000B-MA-NF2
1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-03-00001	A1AL-03-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-03-00002	A1AL-03-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-03-00003	A1AL-03-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-03-00004	A1AL-03-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-03-00005	A1AL-03-HD1H-014-PI250-PI000B-MA-NF2
2,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-04-00001	A1AL-04-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-04-00002	A1AL-04-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-04-00003	A1AL-04-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-04-00004	A1AL-04-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-04-00005	A1AL-04-HD1H-014-PI250-PI000B-MA-NF2
3,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-05-00001	A1AL-05-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-05-00002	A1AL-05-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-05-00003	A1AL-05-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-05-00004	A1AL-05-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-05-00005	A1AL-05-HD1H-014-PI250-PI000B-MA-NF2
3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-06-00001	A1AL-06-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-06-00002	A1AL-06-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-06-00003	A1AL-06-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-06-00004	A1AL-06-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-06-00005	A1AL-06-HD1H-014-PI250-PI000B-MA-NF2
5,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-07-00001	A1AL-07-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-07-00002	A1AL-07-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-07-00003	A1AL-07-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-07-00004	A1AL-07-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-07-00005	A1AL-07-HD1H-014-PI250-PI000B-MA-NF2
9,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-08-00001	A1AL-08-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-08-00002	A1AL-08-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-08-00003	A1AL-08-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-08-00004	A1AL-08-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-08-00005	A1AL-08-HD1H-014-PI250-PI000B-MA-NF2
10,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	A1AL-09-00001	A1AL-09-HD1H-001-PI250-PI000B-MA-NF2
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	A1AL-09-00002	A1AL-09-HD1H-006-PI250-PI000B-MA-NF2
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	A1AL-09-00003	A1AL-09-HD1H-009-PI250-PI000B-MA-NF2
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	A1AL-09-00004	A1AL-09-HD1H-010-PI250-PI000B-MA-NF2
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	A1AL-09-00005	A1AL-09-HD1H-014-PI250-PI000B-MA-NF2

## Precision cylinder regulator type Omega 1BCFDR

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 16 bar compact design and precise control accuracy, for gas purity up to 5.0 with inlet filter 50 µm, with inlet and working gauge Ø 63 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request



Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-1-00004	1BCFDR-1-SK1R-001-PI025-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-1-00005	1BCFDR-1-SK1R-006-PI025-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-1-00006	1BCFDR-1-SK1R-014-PI025-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-2-00004	1BCFDR-2-SK1R-001-PI025-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-2-00005	1BCFDR-2-SK1R-006-PI025-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-2-00006	1BCFDR-2-SK1R-014-PI025-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-3-00004	1BCFDR-3-SK1R-001-PI025-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-3-00005	1BCFDR-3-SK1R-006-PI025-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-3-00006	1BCFDR-3-SK1R-014-PI025-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1BCFDR-4-00004	1BCFDR-4-SK1R-001-PI025-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1BCFDR-4-00005	1BCFDR-4-SK1R-006-PI025-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1BCFDR-4-00006	1BCFDR-4-SK1R-014-PI025-PI600MB-MA-VM6

## Precision cylinder regulator type Omega 2BCFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50/63 mm acc. to **EN 837**, with 2 relief valves

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 180 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request



Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-1-00006	2BCFDR-1-SK1R-001-PI315-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-1-00008	2BCFDR-1-SK1R-006-PI315-PI060MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-1-00009	2BCFDR-1-SK1R-009-PI315-PI060MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-1-00007	2BCFDR-1-SK1R-010-PI315-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-1-00010	2BCFDR-1-SK1R-014-PI315-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-2-00009	2BCFDR-2-SK1R-001-PI315-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-2-00010	2BCFDR-2-SK1R-006-PI315-PI160MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-2-00011	2BCFDR-2-SK1R-009-PI315-PI160MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-2-00012	2BCFDR-2-SK1R-010-PI315-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-2-00013	2BCFDR-2-SK1R-014-PI315-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-3-00009	2BCFDR-3-SK1R-001-PI315-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-3-00010	2BCFDR-3-SK1R-006-PI315-PI400MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-3-00011	2BCFDR-3-SK1R-009-PI315-PI400MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-3-00012	2BCFDR-3-SK1R-010-PI315-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-3-00013	2BCFDR-3-SK1R-014-PI315-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2BCFDR-4-00006	2BCFDR-4-SK1R-001-PI315-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2BCFDR-4-00007	2BCFDR-4-SK1R-006-PI315-PI600MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2BCFDR-4-00008	2BCFDR-4-SK1R-009-PI315-PI600MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2BCFDR-4-00009	2BCFDR-4-SK1R-010-PI315-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2BCFDR-4-00010	2BCFDR-4-SK1R-014-PI315-PI600MB-MA-VM6

## Precision cylinder regulator type Omega 1SSFDR

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 16 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-1-00008	1SSFDR-1-SK1R-001-PI025-PI060MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-1-00009	1SSFDR-1-SK1R-005-PI025-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-1-00010	1SSFDR-1-SK1R-006-PI025-PI060MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-1-00011	1SSFDR-1-SK1R-008-PI025-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-1-00012	1SSFDR-1-SK1R-014-PI025-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-2-00007	1SSFDR-2-SK1R-001-PI025-PI160MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-2-00008	1SSFDR-2-SK1R-005-PI025-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-2-00009	1SSFDR-2-SK1R-006-PI025-PI160MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-2-00010	1SSFDR-2-SK1R-008-PI025-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-2-00011	1SSFDR-2-SK1R-014-PI025-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-3-00006	1SSFDR-3-SK1R-001-PI025-PI400MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-3-00007	1SSFDR-3-SK1R-005-PI025-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-3-00008	1SSFDR-3-SK1R-006-PI025-PI400MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-3-00009	1SSFDR-3-SK1R-008-PI025-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-3-00010	1SSFDR-3-SK1R-014-PI025-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	1SSFDR-4-00007	1SSFDR-4-SK1R-001-PI025-PI600MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	1SSFDR-4-00008	1SSFDR-4-SK1R-005-PI025-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	1SSFDR-4-00009	1SSFDR-4-SK1R-006-PI025-PI600MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	1SSFDR-4-00010	1SSFDR-4-SK1R-008-PI025-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	1SSFDR-4-00011	1SSFDR-4-SK1R-014-PI025-PI600MB-MA-VM6

## Precision cylinder regulator type Omega 2SSFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with inlet and working gauge Ø 50 mm acc. to **EN 837**, with 2 relief valves

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 200 mm x 95 mm
Leakage rate	< 1x10 <sup>-6</sup> mbar l/s	Weight	3,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request



Pressure	Gas type	Connection	Article-no.	Description
5 - 50 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR 1-00008	2SSFDR-1-SK1R-001-PI250-PI060MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-1-00009	2SSFDR-1-SK1R-005-PI250-PI060MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-1-00010	2SSFDR-1-SK1R-006-PI250-PI060MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-1-00011	2SSFDR-1-SK1R-008-PI250-PI060MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-1-00012	2SSFDR-1-SK1R-009-PI250-PI060MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-1-00013	2SSFDR-1-SK1R-010-PI250-PI060MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-1-00014	2SSFDR-1-SK1R-014-PI250-PI060MB-MA-VM6
15 - 150 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR-2-00008	2SSFDR-2-SK1R-001-PI250-PI160MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-2-00009	2SSFDR-2-SK1R-005-PI250-PI160MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-2-00010	2SSFDR-2-SK1R-006-PI250-PI160MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-2-00011	2SSFDR-2-SK1R-008-PI250-PI160MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-2-00012	2SSFDR-2-SK1R-009-PI250-PI160MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-2-00013	2SSFDR-2-SK1R-010-PI250-PI160MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-2-00014	2SSFDR-2-SK1R-014-PI250-PI160MB-MA-VM6
30 - 300 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR-3-00009	2SSFDR-3-SK1R-001-PI250-PI400MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-3-00010	2SSFDR-3-SK1R-005-PI250-PI400MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-3-00011	2SSFDR-3-SK1R-006-PI250-PI400MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-3-00012	2SSFDR-3-SK1R-008-PI250-PI400MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-3-00013	2SSFDR-3-SK1R-009-PI250-PI400MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-3-00014	2SSFDR-3-SK1R-010-PI250-PI400MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-3-00015	2SSFDR-3-SK1R-014-PI250-PI400MB-MA-VM6
50 - 500 mbar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	2SSFDR-4-00008	2SSFDR-4-SK1R-001-PI250-PI600MB-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	2SSFDR-4-00009	2SSFDR-4-SK1R-005-PI250-PI600MB-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	2SSFDR-4-00010	2SSFDR-4-SK1R-006-PI250-PI600MB-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	2SSFDR-4-00011	2SSFDR-4-SK1R-008-PI250-PI600MB-MA-VM6
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	2SSFDR-4-00012	2SSFDR-4-SK1R-009-PI250-PI600MB-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	2SSFDR-4-00013	2SSFDR-4-SK1R-010-PI250-PI600MB-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	2SSFDR-4-00014	2SSFDR-4-SK1R-014-PI250-PI600MB-MA-VM6

## Precision in-line regulator type Omega 1BCLFDR

single stage, acc. to **DIN EN ISO 7291**, inlet pressure up to 16 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50/63 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	170 mm x 165 mm x 85 mm
Leakage rate	< 1x10 <sup>-6</sup> mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request



Pressure	Article-no.	Description
5 - 50 mbar	1BCLFDR-1-00004	1BCLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	1BCLFDR-2-00006	1BCLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	1BCLFDR-3-00003	1BCLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	1BCLFDR-4-00007	1BCLFDR-4-VM6R-PI000-PI600MB-MA-VM6

## In-line regulator type Omega 2BCLFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50/63 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 180 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	2BCLFDR-1-00003	2BCLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	2BCLFDR-2-00002	2BCLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	2BCLFDR-3-00002	2BCLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	2BCLFDR-4-00002	2BCLFDR-4-VM6R-PI000-PI600MB-MA-VM6



## In-line regulator type Omega 1SSLFDR

single stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 16 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50/63 mm acc. to **EN 837**, with 1 relief valve

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	clamp ring 6 mm
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	170 mm x 180 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	1SSLFDR-1-00004	1SSLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	1SSLFDR-2-00003	1SSLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	1SSLFDR-3-00003	1SSLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	1SSLFDR-4-00006	1SSLFDR-4-VM6R-PI000-PI600MB-MA-VM6



## In-line regulator type Omega 2SSLFDR

double stage, acc. to **DIN EN ISO 2503**, inlet pressure up to 200 bar, compact design and precise control accuracy, for gas purity up to 6.0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with 2 relief valves

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	280 mm x 180 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request

Pressure	Article-no.	Description
5 - 50 mbar	2SSLFDR-1-00003	2SSLFDR-1-VM6R-PI000-PI060MB-MA-VM6
15 - 150 mbar	2SSLFDR-2-00001	2SSLFDR-2-VM6R-PI000-PI160MB-MA-VM6
30 - 300 mbar	2SSLFDR-3-00001	2SSLFDR-3-VM6R-PI000-PI400MB-MA-VM6
50 - 500 mbar	2SSLFDR-4-00001	2SSLFDR-4-VM6R-PI000-PI600MB-MA-VM6



## Manifold manual type DRS 1BC1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-1-00001	DRS-1BC1-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-1-00004	DRS-1BC1-1-SK1R-006-PI315-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-1-00005	DRS-1BC1-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-1-00006	DRS-1BC1-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-1-00007	DRS-1BC1-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-2-00001	DRS-1BC1-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-2-00010	DRS-1BC1-2-SK1R-006-PI315-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-2-00003	DRS-1BC1-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-2-00011	DRS-1BC1-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-2-00012	DRS-1BC1-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-3-00001	DRS-1BC1-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-3-00009	DRS-1BC1-3-SK1R-006-PI315-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-3-00015	DRS-1BC1-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-3-00010	DRS-1BC1-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-3-00016	DRS-1BC1-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-4-00001	DRS-1BC1-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-4-00006	DRS-1BC1-4-SK1R-006-PI315-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-4-00007	DRS-1BC1-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-4-00005	DRS-1BC1-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-4-00010	DRS-1BC1-4-SK1R-014-PI315-PI025B-MA-VM6

## Manifold manual type DRS 1BC1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-1-00002	DRS-1BC1-1-SK1R-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-1-00011	DRS-1BC1-1-SK1R-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-1-00012	DRS-1BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-1-00019	DRS-1BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-1-00009	DRS-1BC1-1-SK1R-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-1-00013	DRS-1BC1-1-SK1R-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-2-00002	DRS-1BC1-2-SK1R-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-2-00015	DRS-1BC1-2-SK1R-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-2-00018	DRS-1BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-2-00026	DRS-1BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-2-00019	DRS-1BC1-2-SK1R-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-2-00020	DRS-1BC1-2-SK1R-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-3-00002	DRS-1BC1-3-SK1R-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-3-00006	DRS-1BC1-3-SK1L-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-3-00007	DRS-1BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-3-00036	DRS-1BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-3-00003	DRS-1BC1-3-SK1R-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-3-00017	DRS-1BC1-3-SK1R-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC1-4-00002	DRS-1BC1-4-SK1R-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC1-4-00023	DRS-1BC1-4-SK1R-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-4-00025	DRS-1BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC1-4-00043	DRS-1BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC1-4-00036	DRS-1BC1-4-SK1R-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC1-4-00026	DRS-1BC1-4-SK1R-014-PI315-PI025B-MA-VM6-ES

## Manifold manual type DRS 2BC1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 180 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	2,9 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-1-00006	DRS-2BC1-1-SK1R-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-1-00007	DRS-2BC1-1-SK1R-006-PI315-PI003B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-1-00008	DRS-2BC1-1-SK1R-009-PI315-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-1-00002	DRS-2BC1-1-SK1R-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-1-00004	DRS-2BC1-1-SK1R-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-2-00001	DRS-2BC1-2-SK1R-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-2-00007	DRS-2BC1-2-SK1R-006-PI315-PI005B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-2-00002	DRS-2BC1-2-SK1R-009-PI315-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-2-00008	DRS-2BC1-2-SK1R-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-2-00009	DRS-2BC1-2-SK1R-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-3-00007	DRS-2BC1-3-SK1R-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-3-00015	DRS-2BC1-3-SK1R-006-PI315-PI009B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-3-00011	DRS-2BC1-3-SK1R-009-PI315-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-3-00016	DRS-2BC1-3-SK1R-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-3-00008	DRS-2BC1-3-SK1R-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-4-00001	DRS-2BC1-4-SK1R-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-4-00002	DRS-2BC1-4-SK1R-006-PI315-PI025B-MA-VM6
	synthetic oxygen / oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-4-00003	DRS-2BC1-4-SK1R-009-PI315-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-4-00004	DRS-2BC1-4-SK1R-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-4-00005	DRS-2BC1-4-SK1R-014-PI315-PI025B-MA-VM6

## Manifold manual type DRS 2BC1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	4,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-1-00018	DRS-2BC1-1-SK1R-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-1-00019	DRS-2BC1-1-SK1R-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-1-00020	DRS-2BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-1-00023	DRS-2BC1-1-SK1R-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-1-00003	DRS-2BC1-1-SK1R-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-1-00021	DRS-2BC1-1-SK1R-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-2-00013	DRS-2BC1-2-SK1R-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-2-00018	DRS-2BC1-2-SK1R-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-2-00017	DRS-2BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-2-00022	DRS-2BC1-2-SK1R-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-2-00005	DRS-2BC1-2-SK1R-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-2-00006	DRS-2BC1-2-SK1R-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-3-00001	DRS-2BC1-3-SK1R-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-3-00009	DRS-2BC1-3-SK1R-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-3-00014	DRS-2BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-3-00028	DRS-2BC1-3-SK1R-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-3-00002	DRS-2BC1-3-SK1R-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-3-00003	DRS-2BC1-3-SK1R-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC1-4-00006	DRS-2BC1-4-SK1R-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC1-4-00007	DRS-2BC1-4-SK1R-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-4-00008	DRS-2BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC1-4-00011	DRS-2BC1-4-SK1R-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC1-4-00009	DRS-2BC1-4-SK1R-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC1-4-00010	DRS-2BC1-4-SK1R-014-PI315-PI025B-MA-VM6-ES

## Manifold manual type DRS 1SS1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-1-00007	DRS-1SS1-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-1-00009	DRS-1SS1-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-1-00008	DRS-1SS1-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-1-00010	DRS-1SS1-1-SK1R-008-PI250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00011	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-1-00012	DRS-1SS1-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-1-00013	DRS-1SS1-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-2-00024	DRS-1SS1-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-2-00025	DRS-1SS1-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-2-00026	DRS-1SS1-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-2-00027	DRS-1SS1-2-SK1R-008-PI250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00028	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-2-00029	DRS-1SS1-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-2-00030	DRS-1SS1-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-3-00008	DRS-1SS1-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-3-00009	DRS-1SS1-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-3-00010	DRS-1SS1-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-3-00011	DRS-1SS1-3-SK1R-008-PI250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00012	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-3-00016	DRS-1SS1-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-3-00013	DRS-1SS1-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-4-00003	DRS-1SS1-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-4-00004	DRS-1SS1-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-4-00005	DRS-1SS1-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-4-00006	DRS-1SS1-4-SK1R-008-PI250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00007	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-4-00008	DRS-1SS1-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-4-00009	DRS-1SS1-4-SK1R-014-PI250-PI025B-MA-VM6

## Manifold manual type DRS 1SS1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to DIN 837 inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-1-00002	DRS-1SS1-1-SK1R-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-1-00017	DRS-1SS1-1-SK1R-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-1-00016	DRS-1SS1-1-SK1R-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-1-00018	DRS-1SS1-1-SK1R-008-PI250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00019	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00028	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-1-00020	DRS-1SS1-1-SK1R-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-1-00021	DRS-1SS1-1-SK1R-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-2-00035	DRS-1SS1-2-SK1R-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-2-00036	DRS-1SS1-2-SK1R-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-2-00001	DRS-1SS1-2-SK1R-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-2-00037	DRS-1SS1-2-SK1R-008-PI250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00038	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00047	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-2-00039	DRS-1SS1-2-SK1R-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-2-00040	DRS-1SS1-2-SK1R-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-3-00020	DRS-1SS1-3-SK1R-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-3-00021	DRS-1SS1-3-SK1R-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-3-00001	DRS-1SS1-3-SK1R-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-3-00022	DRS-1SS1-3-SK1R-008-PI250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00002	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00031	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-3-00003	DRS-1SS1-3-SK1R-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-3-00023	DRS-1SS1-3-SK1R-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-4-00014	DRS-1SS1-4-SK1R-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-4-00002	DRS-1SS1-4-SK1R-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-4-00011	DRS-1SS1-4-SK1R-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-4-00010	DRS-1SS1-4-SK1R-008-PI250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00020	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00035	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-4-00021	DRS-1SS1-4-SK1R-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-4-00018	DRS-1SS1-4-SK1R-014-PI250-PI025B-MA-VM6-ES

## Manifold manual type DRS 1SS1 with external purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	240 mm x 230 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-1-00003	DRS-1SS1-1-SK1R-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-1-00023	DRS-1SS1-1-SK1R-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-1-00022	DRS-1SS1-1-SK1R-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-1-00004	DRS-1SS1-1-SK1R-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00024	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-1-00029	DRS-1SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-1-00025	DRS-1SS1-1-SK1R-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-1-00026	DRS-1SS1-1-SK1R-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-2-00041	DRS-1SS1-2-SK1R-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-2-00042	DRS-1SS1-2-SK1R-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-2-00002	DRS-1SS1-2-SK1R-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-2-00010	DRS-1SS1-2-SK1R-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00043	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-2-00048	DRS-1SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-2-00044	DRS-1SS1-2-SK1R-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-2-00045	DRS-1SS1-2-SK1R-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-3-00024	DRS-1SS1-3-SK1R-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-3-00025	DRS-1SS1-3-SK1R-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-3-00026	DRS-1SS1-3-SK1R-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-3-00027	DRS-1SS1-3-SK1R-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00028	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-3-00032	DRS-1SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-3-00029	DRS-1SS1-3-SK1R-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-3-00030	DRS-1SS1-3-SK1R-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS1-4-00022	DRS-1SS1-4-SK1R-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS1-4-00023	DRS-1SS1-4-SK1R-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS1-4-00024	DRS-1SS1-4-SK1R-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS1-4-00001	DRS-1SS1-4-SK1R-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00025	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS1-4-00036	DRS-1SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS1-4-00026	DRS-1SS1-4-SK1R-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS1-4-00027	DRS-1SS1-4-SK1R-014-PI250-PI025B-MA-VM6-FS

## Manifold manual type DRS 2SS1

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	160 mm x 140 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	2,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-1-00005	DRS-2SS1-1-SK1R-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-1-00006	DRS-2SS1-1-SK1R-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-1-00007	DRS-2SS1-1-SK1R-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-1-00008	DRS-2SS1-1-SK1R-008-PI250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00009	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-1-00010	DRS-2SS1-1-SK1R-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-1-00011	DRS-2SS1-1-SK1R-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-2-00005	DRS-2SS1-2-SK1R-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-2-00006	DRS-2SS1-2-SK1R-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-2-00007	DRS-2SS1-2-SK1R-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-2-00008	DRS-2SS1-2-SK1R-008-PI250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00009	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-2-00010	DRS-2SS1-2-SK1R-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-2-00011	DRS-2SS1-2-SK1R-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-3-00005	DRS-2SS1-3-SK1R-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-3-00006	DRS-2SS1-3-SK1R-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-3-00007	DRS-2SS1-3-SK1R-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-3-00008	DRS-2SS1-3-SK1R-008-PI250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00009	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-3-00010	DRS-2SS1-3-SK1R-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-3-00011	DRS-2SS1-3-SK1R-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-4-00001	DRS-2SS1-4-SK1R-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-4-00002	DRS-2SS1-4-SK1R-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-4-00003	DRS-2SS1-4-SK1R-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-4-00004	DRS-2SS1-4-SK1R-008-PI250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00005	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-4-00006	DRS-2SS1-4-SK1R-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-4-00007	DRS-2SS1-4-SK1R-014-PI250-PI025B-MA-VM6

## Manifold manual type DRS 2SS1 with internal purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	230 mm x 180 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,6 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-1-00017	DRS-2SS1-1-SK1R-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-1-00018	DRS-2SS1-1-SK1R-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-1-00019	DRS-2SS1-1-SK1R-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-1-00020	DRS-2SS1-1-SK1R-008-PI250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00021	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00028	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-1-00003	DRS-2SS1-1-SK1R-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-1-00001	DRS-2SS1-1-SK1R-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-2-00023	DRS-2SS1-2-SK1R-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-2-00024	DRS-2SS1-2-SK1R-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-2-00025	DRS-2SS1-2-SK1R-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-2-00026	DRS-2SS1-2-SK1R-008-PI250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00027	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00042	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-2-00028	DRS-2SS1-2-SK1R-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-2-00014	DRS-2SS1-2-SK1R-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-3-00020	DRS-2SS1-3-SK1R-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-3-00021	DRS-2SS1-3-SK1R-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-3-00019	DRS-2SS1-3-SK1R-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-3-00022	DRS-2SS1-3-SK1R-008-PI250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00023	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00033	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-3-00024	DRS-2SS1-3-SK1R-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-3-00014	DRS-2SS1-3-SK1R-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-4-00009	DRS-2SS1-4-SK1R-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-4-00010	DRS-2SS1-4-SK1R-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-4-00011	DRS-2SS1-4-SK1R-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-4-00012	DRS-2SS1-4-SK1R-008-PI250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00013	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00027	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-4-00014	DRS-2SS1-4-SK1R-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-4-00008	DRS-2SS1-4-SK1R-014-PI250-PI025B-MA-VM6-ES

## Manifold manual type DRS 2SS1 with external purge system

to connect one cylinder, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to DIN 837 inlet filter 50 µm and relief valve, stainless steel hose, length 1.000 mm to connect the cylinder, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	240 mm x 230 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	3,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-1-00015	DRS-2SS1-1-SK1R-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-1-00022	DRS-2SS1-1-SK1R-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-1-00023	DRS-2SS1-1-SK1R-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-1-00024	DRS-2SS1-1-SK1R-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00025	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-1-00029	DRS-2SS1-1-SK1R-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-1-00026	DRS-2SS1-1-SK1R-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-1-00002	DRS-2SS1-1-SK1R-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-2-00029	DRS-2SS1-2-SK1R-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-2-00030	DRS-2SS1-2-SK1R-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-2-00031	DRS-2SS1-2-SK1R-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-2-00032	DRS-2SS1-2-SK1R-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00033	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-2-00043	DRS-2SS1-2-SK1R-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-2-00034	DRS-2SS1-2-SK1R-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-2-00001	DRS-2SS1-2-SK1R-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-3-00025	DRS-2SS1-3-SK1R-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-3-00026	DRS-2SS1-3-SK1R-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-3-00027	DRS-2SS1-3-SK1R-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-3-00028	DRS-2SS1-3-SK1R-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00029	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-3-00034	DRS-2SS1-3-SK1R-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-3-00030	DRS-2SS1-3-SK1R-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-3-00001	DRS-2SS1-3-SK1R-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS1-4-00015	DRS-2SS1-4-SK1R-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS1-4-00016	DRS-2SS1-4-SK1R-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS1-4-00017	DRS-2SS1-4-SK1R-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS1-4-00018	DRS-2SS1-4-SK1R-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00019	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS1-4-00028	DRS-2SS1-4-SK1R-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS1-4-00020	DRS-2SS1-4-SK1R-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS1-4-00021	DRS-2SS1-4-SK1R-014-PI250-PI025B-MA-VM6-FS

## Manifold manual type DRS 1BC2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 140 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	5,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-1-00001	DRS-1BC2-1-SK1-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-1-00004	DRS-1BC2-1-SK1-006-PI315-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00005	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00013	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-1-00006	DRS-1BC2-1-SK1-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-1-00007	DRS-1BC2-1-SK1-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-2-00001	DRS-1BC2-2-SK1-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-2-00002	DRS-1BC2-2-SK1-006-PI315-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00003	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00012	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-2-00004	DRS-1BC2-2-SK1-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-2-00005	DRS-1BC2-2-SK1-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-3-00001	DRS-1BC2-3-SK1-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-3-00005	DRS-1BC2-3-SK1-006-PI315-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00006	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00014	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-3-00002	DRS-1BC2-3-SK1-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-3-00007	DRS-1BC2-3-SK1-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-4-00004	DRS-1BC2-4-SK1-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-4-00005	DRS-1BC2-4-SK1-006-PI315-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00002	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00024	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-4-00006	DRS-1BC2-4-SK1-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-4-00007	DRS-1BC2-4-SK1-014-PI315-PI025B-MA-VM6

## Manifold manual type DRS 1BC2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to DIN 837 inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	5,5 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-1-00002	DRS-1BC2-1-SK1-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-1-00009	DRS-1BC2-1-SK1-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00010	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-1-00014	DRS-1BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-1-00011	DRS-1BC2-1-SK1-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-1-00012	DRS-1BC2-1-SK1-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-2-00008	DRS-1BC2-2-SK1-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-2-00009	DRS-1BC2-2-SK1-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00010	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-2-00013	DRS-1BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-2-00007	DRS-1BC2-2-SK1-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-2-00011	DRS-1BC2-2-SK1-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-3-00004	DRS-1BC2-3-SK1-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-3-00013	DRS-1BC2-3-SK1-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00003	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-3-00015	DRS-1BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-3-00012	DRS-1BC2-3-SK1-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-3-00009	DRS-1BC2-3-SK1-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1BC2-4-00001	DRS-1BC2-4-SK1-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1BC2-4-00017	DRS-1BC2-4-SK1-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00018	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1BC2-4-00025	DRS-1BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1BC2-4-00010	DRS-1BC2-4-SK1-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1BC2-4-00019	DRS-1BC2-4-SK1-014-PI315-PI025B-MA-VM6-ES

## Manifold manual type DRS 2BC2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	6,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-1-00002	DRS-2BC2-1-SK1-001-PI315-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-1-00003	DRS-2BC2-1-SK1-006-PI315-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00004	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00013	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-1-00005	DRS-2BC2-1-SK1-010-PI315-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-1-00006	DRS-2BC2-1-SK1-014-PI315-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-2-00001	DRS-2BC2-2-SK1-001-PI315-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-2-00002	DRS-2BC2-2-SK1-006-PI315-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00003	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00011	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-2-00004	DRS-2BC2-2-SK1-010-PI315-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-2-00005	DRS-2BC2-2-SK1-014-PI315-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-3-00004	DRS-2BC2-3-SK1-001-PI315-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-3-00005	DRS-2BC2-3-SK1-006-PI315-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00006	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00019	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-3-00007	DRS-2BC2-3-SK1-010-PI315-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-3-00008	DRS-2BC2-3-SK1-014-PI315-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-4-00003	DRS-2BC2-4-SK1-001-PI315-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-4-00004	DRS-2BC2-4-SK1-006-PI315-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00005	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00014	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-4-00006	DRS-2BC2-4-SK1-010-PI315-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-4-00007	DRS-2BC2-4-SK1-014-PI315-PI025B-MA-VM6

## Manifold manual type DRS 2BC2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	6,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-1-00008	DRS-2BC2-1-SK1-001-PI315-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-1-00009	DRS-2BC2-1-SK1-006-PI315-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00010	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-1-00014	DRS-2BC2-1-SK1-009-PI315-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-1-00011	DRS-2BC2-1-SK1-010-PI315-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-1-00012	DRS-2BC2-1-SK1-014-PI315-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-2-00007	DRS-2BC2-2-SK1-001-PI315-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-2-00008	DRS-2BC2-2-SK1-006-PI315-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00009	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-2-00012	DRS-2BC2-2-SK1-009-PI315-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-2-00006	DRS-2BC2-2-SK1-010-PI315-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-2-00010	DRS-2BC2-2-SK1-014-PI315-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-3-00013	DRS-2BC2-3-SK1-001-PI315-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-3-00014	DRS-2BC2-3-SK1-006-PI315-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00015	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-3-00020	DRS-2BC2-3-SK1-009-PI315-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-3-00016	DRS-2BC2-3-SK1-010-PI315-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-3-00009	DRS-2BC2-3-SK1-014-PI315-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2BC2-4-00009	DRS-2BC2-4-SK1-001-PI315-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2BC2-4-00001	DRS-2BC2-4-SK1-006-PI315-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00010	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2BC2-4-00015	DRS-2BC2-4-SK1-009-PI315-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2BC2-4-00002	DRS-2BC2-4-SK1-010-PI315-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2BC2-4-00011	DRS-2BC2-4-SK1-014-PI315-PI025B-MA-VM6-ES

## Manifold manual type DRS 1SS2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	4,9 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-1-00004	DRS-1SS2-1-SK1-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-1-00005	DRS-1SS2-1-SK1-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-1-00006	DRS-1SS2-1-SK1-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-1-00009	DRS-1SS2-1-SK1-008-PI250-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00007	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00023	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-1-00008	DRS-1SS2-1-SK1-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-1-00010	DRS-1SS2-1-SK1-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-2-00001	DRS-1SS2-2-SK1-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-2-00002	DRS-1SS2-2-SK1-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-2-00003	DRS-1SS2-2-SK1-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-2-00004	DRS-1SS2-2-SK1-008-PI250-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00005	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00022	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-2-00006	DRS-1SS2-2-SK1-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-2-00007	DRS-1SS2-2-SK1-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-3-00003	DRS-1SS2-3-SK1-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-3-00004	DRS-1SS2-3-SK1-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-3-00005	DRS-1SS2-3-SK1-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-3-00006	DRS-1SS2-3-SK1-008-PI250-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00007	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00023	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-3-00008	DRS-1SS2-3-SK1-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-3-00009	DRS-1SS2-3-SK1-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-4-00003	DRS-1SS2-4-SK1-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-4-00004	DRS-1SS2-4-SK1-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-4-00005	DRS-1SS2-4-SK1-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-4-00006	DRS-1SS2-4-SK1-008-PI250-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00007	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00027	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-4-00008	DRS-1SS2-4-SK1-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-4-00009	DRS-1SS2-4-SK1-014-PI250-PI025B-MA-VM6

## Manifold manual type DRS 1SS2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	5,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-1-00002	DRS-1SS2-1-SK1-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-1-00011	DRS-1SS2-1-SK1-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-1-00012	DRS-1SS2-1-SK1-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-1-00013	DRS-1SS2-1-SK1-008-PI250-PI003B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00014	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00024	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-1-00015	DRS-1SS2-1-SK1-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-1-00016	DRS-1SS2-1-SK1-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-2-00008	DRS-1SS2-2-SK1-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-2-00009	DRS-1SS2-2-SK1-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-2-00010	DRS-1SS2-2-SK1-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-2-00011	DRS-1SS2-2-SK1-008-PI250-PI005B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00012	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00023	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-2-00013	DRS-1SS2-2-SK1-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-2-00014	DRS-1SS2-2-SK1-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-3-00002	DRS-1SS2-3-SK1-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-3-00010	DRS-1SS2-3-SK1-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-3-00011	DRS-1SS2-3-SK1-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-3-00012	DRS-1SS2-3-SK1-008-PI250-PI009B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00013	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00024	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-3-00014	DRS-1SS2-3-SK1-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-3-00015	DRS-1SS2-3-SK1-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-4-00013	DRS-1SS2-4-SK1-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-4-00014	DRS-1SS2-4-SK1-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-4-00011	DRS-1SS2-4-SK1-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-4-00015	DRS-1SS2-4-SK1-008-PI250-PI025B-MA-VM6-ES
	sythetische Luft	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00016	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00028	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-4-00017	DRS-1SS2-4-SK1-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-4-00018	DRS-1SS2-4-SK1-014-PI250-PI025B-MA-VM6-ES

## Manifold manual type DRS 1SS2 with external purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	500 mm x 230 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	5,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-1-00003	DRS-1SS2-1-SK1-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-1-00017	DRS-1SS2-1-SK1-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-1-00018	DRS-1SS2-1-SK1-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-1-00019	DRS-1SS2-1-SK1-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00020	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-1-00025	DRS-1SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-1-00021	DRS-1SS2-1-SK1-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-1-00022	DRS-1SS2-1-SK1-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-2-00015	DRS-1SS2-2-SK1-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-2-00016	DRS-1SS2-2-SK1-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-2-00017	DRS-1SS2-2-SK1-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-2-00018	DRS-1SS2-2-SK1-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00019	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-2-00024	DRS-1SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-2-00020	DRS-1SS2-2-SK1-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-2-00021	DRS-1SS2-2-SK1-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-3-00016	DRS-1SS2-3-SK1-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-3-00017	DRS-1SS2-3-SK1-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-3-00018	DRS-1SS2-3-SK1-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-3-00019	DRS-1SS2-3-SK1-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00020	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-3-00025	DRS-1SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-3-00021	DRS-1SS2-3-SK1-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-3-00022	DRS-1SS2-3-SK1-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-1SS2-4-00019	DRS-1SS2-4-SK1-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-1SS2-4-00020	DRS-1SS2-4-SK1-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-1SS2-4-00021	DRS-1SS2-4-SK1-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-1SS2-4-00022	DRS-1SS2-4-SK1-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00023	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-1SS2-4-00029	DRS-1SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-1SS2-4-00024	DRS-1SS2-4-SK1-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-1SS2-4-00025	DRS-1SS2-4-SK1-014-PI250-PI025B-MA-VM6-FS

## Manifold manual type DRS 2SS2

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stain-less steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 140 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	5,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-1-00001	DRS-2SS2-1-SK1-001-PI250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-1-00002	DRS-2SS2-1-SK1-005-PI250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-1-00003	DRS-2SS2-1-SK1-006-PI250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-1-00004	DRS-2SS2-1-SK1-008-PI250-PI003B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00005	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00022	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-1-00006	DRS-2SS2-1-SK1-010-PI250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-1-00007	DRS-2SS2-1-SK1-014-PI250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-2-00004	DRS-2SS2-2-SK1-001-PI250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-2-00005	DRS-2SS2-2-SK1-005-PI250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-2-00006	DRS-2SS2-2-SK1-006-PI250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-2-00007	DRS-2SS2-2-SK1-008-PI250-PI005B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00008	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00023	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-2-00009	DRS-2SS2-2-SK1-010-PI250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-2-00010	DRS-2SS2-2-SK1-014-PI250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-3-00001	DRS-2SS2-3-SK1-001-PI250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-3-00002	DRS-2SS2-3-SK1-005-PI250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-3-00003	DRS-2SS2-3-SK1-006-PI250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-3-00004	DRS-2SS2-3-SK1-008-PI250-PI009B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00005	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00023	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-3-00006	DRS-2SS2-3-SK1-010-PI250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-3-00007	DRS-2SS2-3-SK1-014-PI250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-4-00001	DRS-2SS2-4-SK1-001-PI250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-4-00002	DRS-2SS2-4-SK1-005-PI250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-4-00003	DRS-2SS2-4-SK1-006-PI250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-4-00004	DRS-2SS2-4-SK1-008-PI250-PI025B-MA-VM6
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00005	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00023	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-4-00006	DRS-2SS2-4-SK1-010-PI250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-4-00007	DRS-2SS2-4-SK1-014-PI250-PI025B-MA-VM6

## Manifold manual type DRS 2SS2 with internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stain-less steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 180 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	5,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-1-00008	DRS-2SS2-1-SK1-001-PI250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-1-00009	DRS-2SS2-1-SK1-005-PI250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-1-00010	DRS-2SS2-1-SK1-006-PI250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-1-00011	DRS-2SS2-1-SK1-008-PI250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00012	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00023	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-1-00013	DRS-2SS2-1-SK1-010-PI250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-1-00014	DRS-2SS2-1-SK1-014-PI250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-2-00011	DRS-2SS2-2-SK1-001-PI250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-2-00012	DRS-2SS2-2-SK1-005-PI250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-2-00013	DRS-2SS2-2-SK1-006-PI250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-2-00002	DRS-2SS2-2-SK1-008-PI250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00014	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00024	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-2-00015	DRS-2SS2-2-SK1-010-PI250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-2-00016	DRS-2SS2-2-SK1-014-PI250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-3-00009	DRS-2SS2-3-SK1-001-PI250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-3-00010	DRS-2SS2-3-SK1-005-PI250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-3-00011	DRS-2SS2-3-SK1-006-PI250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-3-00012	DRS-2SS2-3-SK1-008-PI250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00013	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00024	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-3-00014	DRS-2SS2-3-SK1-010-PI250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-3-00015	DRS-2SS2-3-SK1-014-PI250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-4-00009	DRS-2SS2-4-SK1-001-PI250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-4-00010	DRS-2SS2-4-SK1-005-PI250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-4-00011	DRS-2SS2-4-SK1-006-PI250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-4-00012	DRS-2SS2-4-SK1-008-PI250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00013	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00024	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-4-00014	DRS-2SS2-4-SK1-010-PI250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-4-00015	DRS-2SS2-4-SK1-014-PI250-PI025B-MA-VM6-ES

## Manifold manual type DRS 2SS2 with external purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, double stage, with inlet and working gauge Ø 50 mm acc. to DIN 837 inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stain-less steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	500 mm x 230 mm x 180 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	7,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-1-00015	DRS-2SS2-1-SK1-001-PI250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-1-00016	DRS-2SS2-1-SK1-005-PI250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-1-00017	DRS-2SS2-1-SK1-006-PI250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-1-00018	DRS-2SS2-1-SK1-008-PI250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00019	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-1-00024	DRS-2SS2-1-SK1-009-PI250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-1-00020	DRS-2SS2-1-SK1-010-PI250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-1-00021	DRS-2SS2-1-SK1-014-PI250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-2-00017	DRS-2SS2-2-SK1-001-PI250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-2-00018	DRS-2SS2-2-SK1-005-PI250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-2-00019	DRS-2SS2-2-SK1-006-PI250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-2-00003	DRS-2SS2-2-SK1-008-PI250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00020	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-2-00025	DRS-2SS2-2-SK1-009-PI250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-2-00021	DRS-2SS2-2-SK1-010-PI250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-2-00022	DRS-2SS2-2-SK1-014-PI250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-3-00016	DRS-2SS2-3-SK1-001-PI250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-3-00017	DRS-2SS2-3-SK1-005-PI250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-3-00018	DRS-2SS2-3-SK1-006-PI250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-3-00019	DRS-2SS2-3-SK1-008-PI250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00020	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-3-00025	DRS-2SS2-3-SK1-009-PI250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-3-00021	DRS-2SS2-3-SK1-010-PI250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-3-00022	DRS-2SS2-3-SK1-014-PI250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRS-2SS2-4-00016	DRS-2SS2-4-SK1-001-PI250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRS-2SS2-4-00017	DRS-2SS2-4-SK1-005-PI250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRS-2SS2-4-00018	DRS-2SS2-4-SK1-006-PI250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRS-2SS2-4-00019	DRS-2SS2-4-SK1-008-PI250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00020	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRS-2SS2-4-00025	DRS-2SS2-4-SK1-009-PI250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRS-2SS2-4-00021	DRS-2SS2-4-SK1-010-PI250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRS-2SS2-4-00022	DRS-2SS2-4-SK1-014-PI250-PI025B-MA-VM6-FS

## Manifold manual type DRSAH 1BC2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 1 manifold regulator, single stage, with inlet and working gauges Ø 50 mm acc. to **DIN 837** inlet filter 50 µm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	360 mm x 170 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	5,3 kg (7,1 kg bei ES)
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - pressure gauge
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-4-00015	DRSAH-1BC2-4-SK1-001-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-4-00016	DRSAH-1BC2-4-SK1-006-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-4-00017	DRSAH-1BC2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-4-00001	DRSAH-1BC2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-4-00018	DRSAH-1BC2-4-SK1-014-PS250-PI025B-MA-VM6
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-5-00004	DRSAH-1BC2-5-SK1-001-PS250-PI040B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-5-00005	DRSAH-1BC2-5-SK1-006-PS250-PI040B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-5-00003	DRSAH-1BC2-5-SK1-009-PS250-PI040B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-5-00001	DRSAH-1BC2-5-SK1-010-PS250-PI040B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-5-00002	DRSAH-1BC2-5-SK1-014-PS250-PI040B-MA-VM6

## Manifold manual type Typ DRSAH 1BC2 with automatic changeover and internal purge system

W x H x D: 460 mm x 180 mm x 140 mm  
Description, technical data and options see above.



Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-4-00022	DRSAH-1BC2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-4-00007	DRSAH-1BC2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-4-00008	DRSAH-1BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-4-00038	DRSAH-1BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-4-00006	DRSAH-1BC2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-4-00030	DRSAH-1BC2-4-SK1-014-PS250-PI025B-MA-VM6-ES
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1BC2-5-00006	DRSAH-1BC2-5-SK1-001-PS250-PI040B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1BC2-5-00007	DRSAH-1BC2-5-SK1-006-PS250-PI040B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-5-00008	DRSAH-1BC2-5-SK1-009-PS250-PI040B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1BC2-5-00011	DRSAH-1BC2-5-SK1-009-PS250-PI040B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1BC2-5-00009	DRSAH-1BC2-5-SK1-010-PS250-PI040B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1BC2-5-00010	DRSAH-1BC2-5-SK1-014-PS250-PI040B-MA-VM6-ES

## Manifold manual type DRSAH 2BC2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulator, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valve and an in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	380 mm x 250 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	6,3 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - pressure gauge
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-1-00001	DRSAH-2BC2-1-SK1-001-PS250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-1-00002	DRSAH-2BC2-1-SK1-006-PS250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-1-00003	DRSAH-2BC2-1-SK1-009-PS250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-1-00004	DRSAH-2BC2-1-SK1-010-PS250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-1-00005	DRSAH-2BC2-1-SK1-014-PS250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-2-00006	DRSAH-2BC2-2-SK1-001-PS250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-2-00008	DRSAH-2BC2-2-SK1-006-PS250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-2-00009	DRSAH-2BC2-2-SK1-009-PS250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-2-00010	DRSAH-2BC2-2-SK1-010-PS250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-2-00011	DRSAH-2BC2-2-SK1-014-PS250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-3-00004	DRSAH-2BC2-3-SK1-001-PS250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-3-00008	DRSAH-2BC2-3-SK1-006-PS250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-3-00014	DRSAH-2BC2-3-SK1-009-PS250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-3-00015	DRSAH-2BC2-3-SK1-010-PS250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-3-00016	DRSAH-2BC2-3-SK1-014-PS250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-4-00003	DRSAH-2BC2-4-SK1-001-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-4-00004	DRSAH-2BC2-4-SK1-006-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-4-00005	DRSAH-2BC2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-4-00006	DRSAH-2BC2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-4-00007	DRSAH-2BC2-4-SK1-014-PS250-PI025B-MA-VM6

## Manifold manual type DRSAH 2BC2 with automatic changeover and internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulator, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to DIN 837 inlet filters 50 µm and relief valve and an in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 250 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	8,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - pressure gauge
  - extensions for 2 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-1-00006	DRSAH-2BC2-1-SK1-001-PS250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-1-00007	DRSAH-2BC2-1-SK1-006-PS250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-1-00008	DRSAH-2BC2-1-SK1-009-PS250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-1-00012	DRSAH-2BC2-1-SK1-009-PS250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-1-00009	DRSAH-2BC2-1-SK1-010-PS250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-1-00010	DRSAH-2BC2-1-SK1-014-PS250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-2-00001	DRSAH-2BC2-2-SK1-001-PS250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-2-00014	DRSAH-2BC2-2-SK1-006-PS250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-2-00015	DRSAH-2BC2-2-SK1-009-PS250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-2-00017	DRSAH-2BC2-2-SK1-009-PS250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-2-00013	DRSAH-2BC2-2-SK1-010-PS250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-2-00016	DRSAH-2BC2-2-SK1-014-PS250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-3-00005	DRSAH-2BC2-3-SK1-001-PS250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-3-00006	DRSAH-2BC2-3-SK1-006-PS250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-3-00013	DRSAH-2BC2-3-SK1-009-PS250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-3-00024	DRSAH-2BC2-3-SK1-009-PS250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-3-00011	DRSAH-2BC2-3-SK1-010-PS250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-3-00010	DRSAH-2BC2-3-SK1-014-PS250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2BC2-4-00010	DRSAH-2BC2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2BC2-4-00008	DRSAH-2BC2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-4-00019	DRSAH-2BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2BC2-4-00022	DRSAH-2BC2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2BC2-4-00011	DRSAH-2BC2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2BC2-4-00020	DRSAH-2BC2-4-SK1-014-PS250-PI025B-MA-VM6-ES

## Manifold manual type DRSAH 1SS2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valves, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	360 mm x 140 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	5,2 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - internal or external purge system
  - pressure gauge
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-4-00002	DRSAH-1SS2-4-SK1-001-PS250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-4-00003	DRSAH-1SS2-4-SK1-005-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-4-00004	DRSAH-1SS2-4-SK1-006-PS250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-4-00005	DRSAH-1SS2-4-SK1-008-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00006	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-4-00007	DRSAH-1SS2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-4-00008	DRSAH-1SS2-4-SK1-014-PS250-PI025B-MA-VM6
	28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-5-00003
fuel gases/toxic		DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-5-00004	DRSAH-1SS2-5-SK1-005-PS250-PI040B-MA-VM6
inert gases		DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-5-00005	DRSAH-1SS2-5-SK1-006-PS250-PI040B-MA-VM6
not flammable/toxic/corrosive		DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-5-00008	DRSAH-1SS2-5-SK1-008-PS250-PI040B-MA-VM6
synthetic oxygen/oxygen		DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00006	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6
nitrogen		DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-5-00002	DRSAH-1SS2-5-SK1-010-PS250-PI040B-MA-VM6
test gases		DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-5-00007	DRSAH-1SS2-5-SK1-014-PS250-PI040B-MA-VM6

## Manifold manual type DRSAH 1SS2 with automatic changeover and internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, single stage, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and relief valves, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 180 mm x 140 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	7 kg (7,5 kg bei FS)
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - pressure gauge
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-4-00014	DRSAH-1SS2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-4-00015	DRSAH-1SS2-4-SK1-005-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-4-00013	DRSAH-1SS2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-4-00016	DRSAH-1SS2-4-SK1-008-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00017	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00026	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-4-00012	DRSAH-1SS2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-4-00018	DRSAH-1SS2-4-SK1-014-PS250-PI025B-MA-VM6-ES
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-5-00009	DRSAH-1SS2-5-SK1-001-PS250-PI040B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-5-00010	DRSAH-1SS2-5-SK1-005-PS250-PI040B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-5-00011	DRSAH-1SS2-5-SK1-006-PS250-PI040B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-5-00012	DRSAH-1SS2-5-SK1-008-PS250-PI040B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00013	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00023	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-5-00014	DRSAH-1SS2-5-SK1-010-PS250-PI040B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-5-00015	DRSAH-1SS2-5-SK1-014-PS250-PI040B-MA-VM6-ES

## Manifold manual type DRSAH 1SS2 with automatic changeover and external purge system

W x H x D: 460 mm x 230 mm x 140 mm  
Description, technical data and options see above.



Pressure	Gas type	Connection	Article-no.	Description
12 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-4-00019	DRSAH-1SS2-4-SK1-001-PS250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-4-00020	DRSAH-1SS2-4-SK1-005-PS250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-4-00021	DRSAH-1SS2-4-SK1-006-PS250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-4-00022	DRSAH-1SS2-4-SK1-008-PS250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00023	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-4-00027	DRSAH-1SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-4-00024	DRSAH-1SS2-4-SK1-010-PS250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-4-00025	DRSAH-1SS2-4-SK1-014-PS250-PI025B-MA-VM6-FS
28 +/- 2 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-1SS2-5-00016	DRSAH-1SS2-5-SK1-001-PS250-PI040B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-1SS2-5-00017	DRSAH-1SS2-5-SK1-005-PS250-PI040B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-1SS2-5-00018	DRSAH-1SS2-5-SK1-006-PS250-PI040B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-1SS2-5-00019	DRSAH-1SS2-5-SK1-008-PS250-PI040B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00020	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-1SS2-5-00024	DRSAH-1SS2-5-SK1-009-PS250-PI040B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-1SS2-5-00021	DRSAH-1SS2-5-SK1-010-PS250-PI040B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-1SS2-5-00022	DRSAH-1SS2-5-SK1-014-PS250-PI040B-MA-VM6-FS

## Manifold manual type Typ DRSAH 2SS2 with automatic changeover

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and 1 relief valve and one in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	380 mm x 250 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	6,1 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - internal or external purge system
  - pressure gauge
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-1-00001	DRSAH-2SS2-1-SK1-001-PS250-PI003B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-1-00002	DRSAH-2SS2-1-SK1-005-PS250-PI003B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-1-00003	DRSAH-2SS2-1-SK1-006-PS250-PI003B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-1-00004	DRSAH-2SS2-1-SK1-008-PS250-PI003B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00005	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-1-00006	DRSAH-2SS2-1-SK1-010-PS250-PI003B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-1-00007	DRSAH-2SS2-1-SK1-014-PS250-PI003B-MA-VM6
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-2-00004	DRSAH-2SS2-2-SK1-001-PS250-PI005B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-2-00011	DRSAH-2SS2-2-SK1-005-PS250-PI005B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-2-00006	DRSAH-2SS2-2-SK1-006-PS250-PI005B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-2-00007	DRSAH-2SS2-2-SK1-008-PS250-PI005B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00008	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-2-00005	DRSAH-2SS2-2-SK1-010-PS250-PI005B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-2-00010	DRSAH-2SS2-2-SK1-014-PS250-PI005B-MA-VM6
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-3-00001	DRSAH-2SS2-3-SK1-001-PS250-PI009B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-3-00010	DRSAH-2SS2-3-SK1-005-PS250-PI009B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-3-00011	DRSAH-2SS2-3-SK1-006-PS250-PI009B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-3-00012	DRSAH-2SS2-3-SK1-008-PS250-PI009B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00013	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-3-00002	DRSAH-2SS2-3-SK1-010-PS250-PI009B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-3-00014	DRSAH-2SS2-3-SK1-014-PS250-PI009B-MA-VM6
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-4-00001	DRSAH-2SS2-4-SK1-001-PS250-PI025B-MA-VM6
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-4-00002	DRSAH-2SS2-4-SK1-005-PS250-PI025B-MA-VM6
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-4-00003	DRSAH-2SS2-4-SK1-006-PS250-PI025B-MA-VM6
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-4-00004	DRSAH-2SS2-4-SK1-008-PS250-PI025B-MA-VM6
	synthetic oxygen/oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00005	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-4-00006	DRSAH-2SS2-4-SK1-010-PS250-PI025B-MA-VM6
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-4-00007	DRSAH-2SS2-4-SK1-014-PS250-PI025B-MA-VM6

## Manifold manual type DRSAH 2SS2 with automatic changeover and internal purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and 1 relief valve and one in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes



Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 250 mm x 140 mm
Leakage rate	< 1x10 <sup>-9</sup> mbar l/s	Weight	7,9 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - pressure gauge
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-1-00009	DRSAH-2SS2-1-SK1-001-PS250-PI003B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-1-00010	DRSAH-2SS2-1-SK1-005-PS250-PI003B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-1-00011	DRSAH-2SS2-1-SK1-006-PS250-PI003B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-1-00012	DRSAH-2SS2-1-SK1-008-PS250-PI003B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00013	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00023	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-1-00014	DRSAH-2SS2-1-SK1-010-PS250-PI003B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-1-00015	DRSAH-2SS2-1-SK1-014-PS250-PI003B-MA-VM6-ES
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-2-00014	DRSAH-2SS2-2-SK1-001-PS250-PI005B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-2-00019	DRSAH-2SS2-2-SK1-005-PS250-PI005B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-2-00015	DRSAH-2SS2-2-SK1-006-PS250-PI005B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-2-00016	DRSAH-2SS2-2-SK1-008-PS250-PI005B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00017	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00027	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-2-00012	DRSAH-2SS2-2-SK1-010-PS250-PI005B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-2-00018	DRSAH-2SS2-2-SK1-014-PS250-PI005B-MA-VM6-ES
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-3-00005	DRSAH-2SS2-3-SK1-001-PS250-PI009B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-3-00019	DRSAH-2SS2-3-SK1-005-PS250-PI009B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-3-00020	DRSAH-2SS2-3-SK1-006-PS250-PI009B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-3-00021	DRSAH-2SS2-3-SK1-008-PS250-PI009B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00003	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00027	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-3-00004	DRSAH-2SS2-3-SK1-010-PS250-PI009B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-3-00022	DRSAH-2SS2-3-SK1-014-PS250-PI009B-MA-VM6-ES
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-4-00010	DRSAH-2SS2-4-SK1-001-PS250-PI025B-MA-VM6-ES
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-4-00020	DRSAH-2SS2-4-SK1-005-PS250-PI025B-MA-VM6-ES
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-4-00011	DRSAH-2SS2-4-SK1-006-PS250-PI025B-MA-VM6-ES
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-4-00021	DRSAH-2SS2-4-SK1-008-PS250-PI025B-MA-VM6-ES
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00012	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00030	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-ES-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-4-00009	DRSAH-2SS2-4-SK1-010-PS250-PI025B-MA-VM6-ES
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-4-00022	DRSAH-2SS2-4-SK1-014-PS250-PI025B-MA-VM6-ES

## Manifold manual type DRSAH 2SS2 with automatic changeover and external purge system

to connect two cylinders, compact design and precise control accuracy, gas purity up to 6.0, consisting of 2 manifold regulators, with inlet gauge Ø 50 mm and working pressure contact gauge with Reed contact Ø 63 mm acc. to **DIN 837** inlet filters 50 µm and 1 relief valve and one in-line regulator with working pressure gauge Ø 50 mm and relief valve, stainless steel hoses, length 1.000 mm to connect the cylinders, complete assembled on base plate stainless steel with mounting holes

Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	acc. to DIN 477-1
Seals	EPDM, PTFE, PVDF, FKM	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	460 mm x 250 mm x 140 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	8,4 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)



- Options:
- regulating and shut off valve
  - pressure gauge
  - extensions to 4/6 or more cylinders
  - other inlet or outlet connections and pressure ranges on request

Pressure	Gas type	Connection	Article-no.	Description
0 - 1,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-1-00016	DRSAH-2SS2-1-SK1-001-PS250-PI003B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-1-00017	DRSAH-2SS2-1-SK1-005-PS250-PI003B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-1-00018	DRSAH-2SS2-1-SK1-006-PS250-PI003B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-1-00019	DRSAH-2SS2-1-SK1-008-PS250-PI003B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00020	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-1-00024	DRSAH-2SS2-1-SK1-009-PS250-PI003B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-1-00021	DRSAH-2SS2-1-SK1-010-PS250-PI003B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-1-00022	DRSAH-2SS2-1-SK1-014-PS250-PI003B-MA-VM6-FS
0 - 3,5 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-2-00020	DRSAH-2SS2-2-SK1-001-PS250-PI005B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-2-00021	DRSAH-2SS2-2-SK1-005-PS250-PI005B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-2-00022	DRSAH-2SS2-2-SK1-006-PS250-PI005B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-2-00023	DRSAH-2SS2-2-SK1-008-PS250-PI005B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00024	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-2-00028	DRSAH-2SS2-2-SK1-009-PS250-PI005B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-2-00025	DRSAH-2SS2-2-SK1-010-PS250-PI005B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-2-00026	DRSAH-2SS2-2-SK1-014-PS250-PI005B-MA-VM6-FS
0 - 7,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-3-00007	DRSAH-2SS2-3-SK1-001-PS250-PI009B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-3-00023	DRSAH-2SS2-3-SK1-005-PS250-PI009B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-3-00017	DRSAH-2SS2-3-SK1-006-PS250-PI009B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-3-00009	DRSAH-2SS2-3-SK1-008-PS250-PI009B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00024	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-3-00028	DRSAH-2SS2-3-SK1-009-PS250-PI009B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-3-00025	DRSAH-2SS2-3-SK1-010-PS250-PI009B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-3-00026	DRSAH-2SS2-3-SK1-014-PS250-PI009B-MA-VM6-FS
0 - 15,0 bar	fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	DRSAH-2SS2-4-00023	DRSAH-2SS2-4-SK1-001-PS250-PI025B-MA-VM6-FS
	fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	DRSAH-2SS2-4-00024	DRSAH-2SS2-4-SK1-005-PS250-PI025B-MA-VM6-FS
	inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	DRSAH-2SS2-4-00025	DRSAH-2SS2-4-SK1-006-PS250-PI025B-MA-VM6-FS
	not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	DRSAH-2SS2-4-00026	DRSAH-2SS2-4-SK1-008-PS250-PI025B-MA-VM6-FS
	synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00027	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-SL
	oxygen	DIN 477-1 Nr. 9, G 3/4 RH	DRSAH-2SS2-4-00031	DRSAH-2SS2-4-SK1-009-PS250-PI025B-MA-VM6-FS-OX
	nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	DRSAH-2SS2-4-00028	DRSAH-2SS2-4-SK1-010-PS250-PI025B-MA-VM6-FS
	test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	DRSAH-2SS2-4-00029	DRSAH-2SS2-4-SK1-014-PS250-PI025B-MA-VM6-FS

## Tapping points type ENS 1BC1

consisting of wall fixture, shut off valve in inlet and regulator single stage, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6,0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with inlet shut off valve



Technical Data		Flow chart see page 2	
Body	brass chrome-plated	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	100 mm x 170 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request
  - wall holder see page 49

Pressure	Gas type	Article-no.	Description
0 - 1,5 bar	fuel gases/inert gases	ENS-1BC1-1-00006	ENS-1BC1-1-AM6-PI000-PI003B-VM6
	oxygen	ENS-1BC1-1-00003	ENS-1BC1-1-AM6-PI000-PI003B-VM6-OX
0 - 3,5 bar	fuel gases/inert gases	ENS-1BC1-2-00001	ENS-1BC1-2-AM6-PI000-PI005B-VM6
	oxygen	ENS-1BC1-2-00005	ENS-1BC1-2-AM6-PI000-PI005B-VM6-OX
0 - 7,0 bar	fuel gases/inert gases	ENS-1BC1-3-00001	ENS-1BC1-3-AM6-PI000-PI009B-VM6
	oxygen	ENS-1BC1-3-00004	ENS-1BC1-3-AM6-PI000-PI009B-VM6-OX
0 - 15,0 bar	fuel gases/inert gases	ENS-1BC1-4-00001	ENS-1BC1-4-AM6-PI000-PI025B-VM6
	oxygen	ENS-1BC1-4-00004	ENS-1BC1-4-AM6-PI000-PI025B-VM6-OX

## Tapping points type ENS 1SS1

consisting of wall fixture, shut off valve in inlet and regulator single stage, inlet pressure up to 70 bar compact design and precise control accuracy, for gas purity up to 6,0 with inlet filter 50 µm, with working pressure gauge Ø 50 mm acc. to **EN 837**, with inlet shut off valve



Technical Data		Flow chart see page 2	
Body	stainless steel 1.4404	Inlet	clamp ring 6 mm
Seals	EPDM, PTFE, PVDF	Outlet	clamp ring 6 mm
Diaphragm	stainless steel	W x H x D	100 mm x 170 mm x 95 mm
Leakage rate	< 1x10 <sup>-8</sup> mbar l/s	Weight	1,8 kg
Temperature	-40 up to +70 °C	Cv-value	0,1 (larger on request)

- Options:
- regulating and shut off valve
  - contact gauge or pressure transducer
  - other inlet or outlet connections and pressure ranges on request
  - wall holder see page 49

Pressure	Gas type	Article-no.	Description
0 - 1,5 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-1-00004	ENS-1SS1-1-AM6-PI000-PI003B-VM6
	oxygen	ENS-1SS1-1-00005	ENS-1SS1-1-AM6-PI000-PI003B-VM6-OX
0 - 3,5 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-2-00001	ENS-1SS1-2-AM6-PI000-PI005B-VM6
	oxygen	ENS-1SS1-2-00006	ENS-1SS1-2-AM6-PI000-PI005B-VM6-OX
0 - 7,0 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-3-00001	ENS-1SS1-3-AM6-PI000-PI009B-VM6
	oxygen	ENS-1SS1-3-00005	ENS-1SS1-3-AM6-PI000-PI009B-VM6-OX
0 - 15,0 bar	fuel gases/inert gases/toxic/corrosive	ENS-1SS1-4-00001	ENS-1SS1-4-AM6-PI000-PI025B-VM6
	oxygen	ENS-1SS1-4-00002	ENS-1SS1-4-AM6-PI000-PI025B-VM6-OX

## Wall fixing ring for ENS

made from aluminium, quick connect for direct wall fixture of tapping points type ENS

		Article-no.
wall fixing ring		450-00047



## Wall bracket SS für ENS

made from aluminium with plastic end caps for wall fixture of tapping points type ENS, in lengths to fixture various tapping points available

		Article-no.
wall bracket	1-way	450-00102
	2-way	450-00127
	3-way	450-00128
	4-way	450-00129
	5-way	450-00130



## Cylinder extraction valve type FEV-BC

for one cylinder with max. pressure of 70 bar, consisting of cylinder connection, t-piece with gauge and regulating valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	FEVBC-BG-00001	FEVBC-BG-HD1-001-PI100-AM6
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	FEVBC-BG-00002	FEVBC-BG-HD1-006-PI100-AM6
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVBC-BG-00003	FEVBC-BG-HD1-009-PI100-AM6-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVBC-BG-00017	FEVBC-BG-SK1-009-PI100-MM6-OX
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	FEVBC-BG-00004	FEVBC-BG-HD1-010-PI100-AM6
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	FEVBC-BG-00005	FEVBC-BG-HD1-014-PI100-AM6



## Cylinder extraction valve type FEV-SS

for one cylinder with max. pressure of 70 bar, consisting of cylinder connection, t-piece with gauge and regulating valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	FEVSS-BG-00001	FEVSS-BG-HD1-001-PI100-AM6
fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH	FEVSS-BG-00002	FEVSS-BG-SK1-005-PI100-AM6
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	FEVSS-BG-00003	FEVSS-BG-HD1-006-PI100-AM6
SO <sub>2</sub>	DIN 477-1 Nr. 7, G 5/8 RH	FEVSS-BG-00005	FEVSS-BG-HD1-007-PI100-AM6
not flammable/ toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH	FEVSS-BG-00004	FEVSS-BG-SK1-008-PI009-AM6
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVSS-BG-00006	FEVSS-BG-HD1-009-PI100-AM6-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	FEVSS-BG-00023	FEVSS-BG-SK1-009-PI100-MM6-OX
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	FEVSS-BG-00007	FEVSS-BG-HD1-010-PI100-AM6
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	FEVSS-BG-00008	FEVSS-BG-HD1-014-PI100-AM6



## Decanting adapter type FzF-BC

to decant from a gas cylinder to a small cylinder, with cylinder connection on both sides, with gauge Ø 40 mm and purge valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	190-00035	FzF-BC-HD1L-001-PI315-HD1R-001
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH	190-00036	FzF-BC-HD1L-006-PI315-HD1R-006
synthetic oxygen	DIN 477-1 Nr.9 G3/4 RH	190-00037	FzF-BC-HD1L-009-PI315-HD1R-009-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	190-00040	FzF-BC-SK1L-009-PI315-SK1R-009-OX
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH	190-00038	FzF-BC-HD1L-010-PI315-HD1R-010
test gases	DIN 477-1 Nr.14 M19x1,5 LH	190-00039	FzF-BC-HD1L-014-PI315-HD1R-014



example manual mounting

## Decanting adapter type Typ FzF-SS

to decant from a gas cylinder to a small cylinder, with cylinder connection on both sides, with gauge Ø 40 mm and purge valve

Gas type	Connection	Article-no.	Description
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	190-00013	FzF-SS-HD1L-001-PI250-HD1R-001
fuel gases/toxic	DIN 477-1 Nr.5 W1x1/14 LH	190-00027	FzF-SS-SK1L-005-PI250-SK1R-005
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH	190-00028	FzF-SS-HD1L-006-PI250-HD1R-006
not flammable/ toxic/corrosive	DIN 477-1 Nr.8 W1x1/14 RH	190-00029	FzF-SS-SK1L-008-PI250-SK1R-008
synthetic oxygen	DIN 477-1 Nr.9 G3/4 RH	190-00014	FzF-SS-HD1L-009-PI250-HD1R-009-SL
oxygen	DIN 477-1 Nr. 9, G 3/4 RH	190-00041	FzF-SS-SK1L-009-PI315-SK1R-009-OX
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH	190-00015	FzF-SS-HD1L-010-PI250-HD1R-010
test gases	DIN 477-1 Nr.14 M19x1,5 LH	190-00016	FzF-SS-HD1L-014-PI250-HD1R-014



example hexagon nut

## Cylinder connections

Brass with *hexagon nut*, brass chrome-plated fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter	Dichtung	Article-no.
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	brass chrome-plated	PVDF	170-00018
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		PVDF	170-00022
oxygen	DIN 477-1 Nr.9 G3/4 RH		Kupfer	170-00027
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		PVDF	170-00029
test gases	DIN 477-1 Nr.14 M19x1,5 LH		PVDF	170-00032



## Cylinder connections

Stainless steel with *hexagon nut*, stainless steel fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter	Dichtung	Article-no.
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	brass chrome-plated	PVDF	170-00019
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		PVDF	170-00023
not flammable/ toxic/corrosive	DIN 477-1 Nr.8 W1x1/14 RH		PVDF	170-00025
oxygen	DIN 477-1 Nr.9 G3/4 RH		Kupfer	170-00028
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		PVDF	170-00030
test gases	DIN 477-1 Nr.14 M19x1,5 LH		PVDF	170-00033

## Seals for hexagon nut

Gas type	Material	Article-no.
fuel gases, inert gases, nitrogen	PVDF	030-00011
not flammable/toxic/corrosive		030-00010
test gases		030-00008
oxygen	Kupfer	030-00059

## Cylinder connections

Brass with *manual mounting*, brass chrome-plated fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter	Dichtung	Article-no.	
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	EPDM	170-00153
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	EPDM	170-00241
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	EPDM	170-00357
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	EPDM	170-00296
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	EPDM	170-00263
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	FKM	170-00433
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	FKM	170-00434
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	FKM	170-00435
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	FKM	170-00436
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	FKM	170-00437



## Cylinder connections

Stainless steel with *manual mounting*, stainless steel fitting, fitting length 80 mm, 1/4" NPT-M

Gas type	Connection	Überwurfmutter	Dichtung	Article-no.	
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	EPDM	170-00168
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	EPDM	170-00154
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	EPDM	170-00225
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	EPDM	170-00224
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	EPDM	170-00226
fuel gases	DIN 477-1 Nr.1 W21,8x1/14 LH	aluminium anodized:	rot	FKM	170-00438
inert gases	DIN 477-1 Nr.6 W21,8x1/14 RH		grau	FKM	170-00439
synth. Luft	DIN 477-1 Nr.9 G3/4 RH		blau	FKM	170-00440
nitrogen	DIN 477-1 Nr.10 W24,32x1/14 RH		grün	FKM	170-00441
test gases	DIN 477-1 Nr.14 M19x1,5 LH		natur	FKM	170-00442

## Seals for manual mounting

Gas type	Material	Article-no.
fuel gases, inert gases, nitrogen	EPDM	110-00030
not flammable/toxic/corrosive		110-00030
test gases		110-00020
synthetic oxygen		110-00030
fuel gases, inert gases, nitrogen	FKM	110-00070
not flammable/toxic/corrosive		110-00070
test gases		110-00048
synthetic oxygen		110-00070

## Gas cylinder A10,5 BG

Gas cylinder A10,5 BG aluminium cylinder brushed with valve acc. to **DIN 477**, filling volume 0,5 liter, with ECapproval ADR, conformity declaration and  $\pi$ -marking



Technical Data					
Body	aluminium anodized	p <sub>emax</sub>	200 bar	da	acc. to DIN 477
Ventile	brass chrome-plated	Ø	70 mm	M	1,050 kg
Seals	EPDM, PTFE	H incl. ventile	310 mm		

Gas type	Connection	Article-no.	Description
hydrogen	DIN 477-1 Nr. 1, W 21,8x1/14 LH	150-00030	aluminium gas cylinder 0,5 l with ventile for hydrogen
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	150-00075	aluminium gas cylinder 0,5 l with ventile for inert gases
compressed air	DIN 477-1 Nr. 13, G 5/8 RH	150-00034	aluminium gas cylinder 0,5 l with ventile for compressed air
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	150-00032	aluminium gas cylinder 0,5 l with ventile for nitrogen
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	150-00031	aluminium gas cylinder 0,5 l with ventile for synth. Luft
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	150-00033	aluminium gas cylinder 0,5 l with ventile for test gases

## Gas cylinder BG V

steel cylinder with valve acc. to **DIN 477**, filling volume 1,0 liter with EC-approval ADR, conformity declaration and  $\pi$ -marking



Technical Data					
Body	steel colour coated	p <sub>emax</sub>	200 bar	da	acc. to DIN 477
Ventile	brass chrome-plated	Ø	80 mm	M	2,0 kg
Seals	EPDM, PTFE	H incl. ventile	360 mm		

Gas type	Connection	Article-no.	Description
hydrogen	DIN 477-1 Nr. 1, W 21,8x1/14 LH	150-00097	stainless steel gas cylinder 1,0 l with ventile for hydrogen
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH	150-00100	stainless steel gas cylinder 1,0 l with ventile for inert gases
compressed air	DIN 477-1 Nr. 13, G 5/8 RH	150-00096	stainless steel gas cylinder 1,0 l with ventile for compressed air
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH	150-00099	stainless steel gas cylinder 1,0 l with ventile for nitrogen
synthetic oxygen	DIN 477-1 Nr. 9, G 3/4 RH	150-00098	stainless steel gas cylinder 1,0 l with ventile for synthetic oxygen
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH	150-00051	stainless steel gas cylinder 1,0 l with ventile for test gases

## Gas cylinder cabinet

1,5 mm sheet metal, coated, colour grey-white RAL 9002, with ventilation opening, mounting rack, 3-side locking with safety barrel lock, cylinder rack, tension belt and chequered plate ground



Size	Cylinder quantity	Weight	Article-no.
650 x 400 x 2.050 mm	2 cylinders	85 kg	150-00053
950 x 400 x 2.050 mm	3 cylinders	103 kg	150-00048
1.250 x 400 x 2.050 mm	4 cylinders	125 kg	150-00052

## Cylinder rack

for cylinders B50 or B10 including blue tape 1000 x 25 mm with lock and fixing material

Article-no.	
cylinder rack	220-00013



## Gas cylinder cabinet G30

steel panel corpus, power-coated, 30 minutes fire resistant acc. to **DIN EN 14470-2**, purge connection (NW 75) on top of cabinet, feed through possibility in cabinet ceiling complete with 2 mounting racks, roll in hatch, cylinder rack and tension belts, marking acc. to **EN 14470-2**, body light grey RAL7035, doors Rubin red RAL3003

Cylinder quantity	Outer size	Inner size	Weight	Article-no.
1 cylinder	595 x 595 x 2099 mm	500 x 404 x 1880 mm	ca. 283 kg	150-00057
2 cylinders	895 x 595 x 2099 mm	800 x 439 x 1880 mm	ca. 420 kg	150-00058
3 cylinders	1195 x 596 x 2099 mm	1100 x 439 x 1880 mm	ca. 523 kg	150-00059
4 cylinders	1395 x 596 x 2099 mm	1300 x 439 x 1880 mm	ca. 588 kg	150-00045



## Gas cylinder cabinet G90

steel panel corpus, power-coated, 90 minutes fire resistant acc. to **DIN EN 14470-2**, purge connection (NW 75) on top of cabinet, feed through possibility in cabinet ceiling complete with 2 mounting racks, roll in hatch, cylinder rack and tension belts, marking acc. to **EN 14470-2**, body light grey RAL7035, doors Rubin red RAL3003

Cylinder quantity	Outer size	Inner size	Weight	Article-no.
1 cylinders	595 x 610 x 2099 mm	438 x 392 x 1848 mm	ca. 385 kg	150-00062
2 cylinders	895 x 610 x 2099 mm	738 x 408 x 1848 mm	ca. 524 kg	150-00061
3 cylinders	1195 x 610 x 2099 mm	1038 x 408 x 1848 mm	ca. 655 kg	150-00054
4 cylinders	1395 x 610 x 2099 mm	1238 x 408 x 1848 mm	ca. 740 kg	150-00055



## Purge top for gas cylinder cabinet

made from 1,5 mm steel sheet, coated, color grey-white RAL 9002, ventilation opening, mounting rails, triple locking system, safety cylinder lock, gas cylinder holder, straps

Type	Article-no.
Monitoring of volumes and power supply system, optical and acoustical signalling, dry contacts for external signalling, internal battery buffering up to 4h power blackout for the operating of the signalling (not ventilation)	150-00046
with ventilator without monitoring for safety cabinets	150-00060



## Connection collar

for exhaust air monitoring, 2 PVC collars with 4 tension belts zinc coated

	Article-no.
connection collar	150-00050

## Hose 6kt

stainless steel hose to connect cylinders to rail systems or manifolds, with in-liner made from corrugated steel sheet with stainless steel netting outside, with anti kink spring complete welded and tested, inlet acc. to **DIN 477-1**, hexagon nut with 90° elbow, outlet 1/4" NPT-F, length 1.000 mm, DN6, PN 300, other lengths and connections on request



Gas type	Connection	Material cylinder connector	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	stainless steel	350-00012	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° SK SS
fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH		350-00020	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.05 x 90° SK SS
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00022	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° SK SS
not flammable/toxic/corrosive	DIN 477-1 Nr. 8, W 1x1/14 RH		350-00026	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.08 x 90° SK SS
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00028	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° SK SS
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00030	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° SK SS
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00038	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° SK SS
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	brass chrome-plated	350-00160	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° SK BC
fuel gases/toxic	DIN 477-1 Nr. 5, W 1x1/14 LH		350-00161	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.05 x 90° SK BC
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00162	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° SK BC
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00163	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° SK BC
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00164	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° SK BC
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00165	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° SK BC

## Hose HD

stainless steel hose to connect cylinders to rail systems or manifolds, with in-liner made from corrugated steel sheet with stainless steel netting outside, with anti kink spring complete welded and tested, inlet acc. to **DIN 477-1**, hand tight nut with 90° elbow, outlet 1/4" NPT-F, length 1.000mm, DN6, PN 300, other lengths and connections on request



Gas type	Connection	Material cylinder connector	Article-no.	Description
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	stainless steel	350-00011	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° HD SS
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00021	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° HD SS
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00027	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° HD SS
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00029	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° HD SS
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00037	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° HD SS
fuel gases	DIN 477-1 Nr. 1, W 21,8x1/14 LH	brass chrome-plated	350-00166	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.01 x 90° HD BC
inert gases	DIN 477-1 Nr. 6, W 21,8x1/14 RH		350-00167	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.06 x 90° HD BC
oxygen	DIN 477-1 Nr. 9, G 3/4 RH		350-00168	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.09 x 90° HD BC
nitrogen	DIN 477-1 Nr. 10, W 24,32x1/14 RH		350-00169	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.10 x 90° HD BC
test gases	DIN 477-1 Nr. 14, M 19x1,5 LH		350-00170	hose ES-HD PN300 DN06 L1000 1/4 NPT-F x DIN477-T1 Nr.14 x 90° HD BC

## Gauge Ø 50 mm

bourdon gauge with body diameter 40 mm, connection radial down 1/8" NPT-M, class 1.6 at stainless steel, class 2.5 at brass nickel-plated, **DIN 837**

Pressure range	Material	Article-no.	Description	
-1 - 1,5 bar	brass nickel-plated	290-00039	PI 50 MM BOURDON -1/001,5 BAR 1/4 NPT	
-1 - 3,0 bar		290-00042	PI 50 MM BOURDON -1/003 BAR 1/4 NPT	
-1 - 5,0 bar		290-00045	PI 50 MM BOURDON -1/005 BAR 1/4 NPT	
-1 - 9,0 bar		290-00048	PI 50 MM BOURDON -1/009 BAR 1/4 NPT	
0 - 16,0 bar		290-00019	PI 50 MM BOURDON 0/016 BAR 1/4 NPT	
0 - 25,0 bar		290-00023	PI 50 MM BOURDON 0/025 BAR 1/4 NPT	
0 - 40,0 bar		290-00025	PI 50 MM BOURDON 0/040 BAR 1/4 NPT	
0 - 60,0 bar		290-00028	PI 50 MM BOURDON 0/060 BAR 1/4 NPT	
0 - 100 bar		290-00030	PI 50 MM BOURDON 0/100 BAR 1/4 NPT	
0 - 315 bar		290-00035	PI 50 MM BOURDON 0/315 BAR 1/4 NPT	
0 - 400 bar		290-00037	PI 50 MM BOURDON 0/400 BAR 1/4 NPT	
-1 - 1,5 bar		stainless steel	290-00041	PI 50 MM BOURDON -1/001,5 BAR 1/4 NPT
-1 - 3,0 bar			290-00044	PI 50 MM BOURDON -1/003 BAR 1/4 NPT
-1 - 5,0 bar			290-00047	PI 50 MM BOURDON -1/005 BAR 1/4 NPT
-1 - 9,0 bar	290-00050		PI 50 MM BOURDON -1/009 BAR 1/4 NPT	
0 - 16,0 bar	290-00021		PI 50 MM BOURDON 0/016 BAR 1/4 NPT	
0 - 25,0 bar	290-00024		PI 50 MM BOURDON 0/025 BAR 1/4 NPT	
0 - 40,0 bar	290-00027		PI 50 MM BOURDON 0/040 BAR 1/4 NPT	
0 - 60,0 bar	290-00029		PI 50 MM BOURDON 0/060 BAR 1/4 NPT	
0 - 100 bar	290-00032		PI 50 MM BOURDON 0/100 BAR 1/4 NPT	
0 - 250 bar	290-00034		PI 50 MM BOURDON 0/250 BAR 1/4 NPT	
0 - 400 bar	290-00038		PI 50 MM BOURDON 0/400 BAR 1/4 NPT	



## Gauge mbar Ø 63 mm

capsule type gauge with body diameter 63 mm, connection radial down 1/4" NPT-M, class 1.6, **DIN 837**

Pressure range	Material	Article-no.	Description
0 - 60 mbar	stainless steel	290-00054	PI 63 MM CAPSULE TYPE 0/060 MBAR 1/4 NPT
0 - 100 mbar		290-00058	PI 63 MM CAPSULE TYPE 0/100 MBAR 1/4 NPT
0 - 160 mbar		290-00060	PI 63 MM CAPSULE TYPE 0/160 MBAR 1/4 NPT
0 - 250 mbar		290-00061	PI 63 MM CAPSULE TYPE 0/250 MBAR 1/4 NPT
0 - 400 mbar		290-00063	PI 63 MM CAPSULE TYPE 0/400 MBAR 1/4 NPT
0 - 600 mbar		290-00065	PI 63 MM CAPSULE TYPE 0/600 MBAR 1/4 NPT



## Switch gauge Ø 63 mm

bourdon gauge with body diameter 63 mm, connection radial down 1/4" NPT-M, class 1.6 REED, **DIN 837**

Pressure range	Material	Article-no.	Description
0 - 10 bar	brass nickel-plated	290-00072	PIS 63 MM BOURDON 0/010 BAR 1/4 NPT
0 - 250 bar		290-00069	PIS 63 MM BOURDON 0/250 BAR 1/4 NPT
0 - 400 bar		290-00074	PIS 63 MM BOURDON 0/400 BAR 1/4 NPT
0 - 10 bar	stainless steel	290-00097	PIS 63 MM BOURDON 0/010 BAR 1/4 NPT
0 - 250 bar		290-00071	PIS 63 MM BOURDON 0/250 BAR 1/4 NPT
0 - 400 bar		290-00098	PIS 63 MM BOURDON 0/400 BAR 1/4 NPT





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