



Diaphragm seal MD 21

Part no. 31416W

Diaphragm seals compact version

benefits

- robust, compact stainless steel design
- ideal for waste water, suspensions and corrosive media
- suitable for high pressure ranges

Application

For mounting to Bourdon tube pressure gauges, pressure transducers or pressure switches. For corrosive, hot and polluted media at high pressures. Specially suitable for mechanical engineering and chemical industry applications.

Technical Specifications

Process connection

stainless steel 316 Ti/316 L
fixed male thread G $\frac{3}{4}$ B
DIN 3852 type A

diaphragm

stainless steel 316 Ti/316 L
flush, welded to upper body, no dead space

Instrument connection

Welded connection

pressure transmission liquid

Paraffin oil (FM 09), FDA-listed

pressure range

see ordering table

Nominal pressure

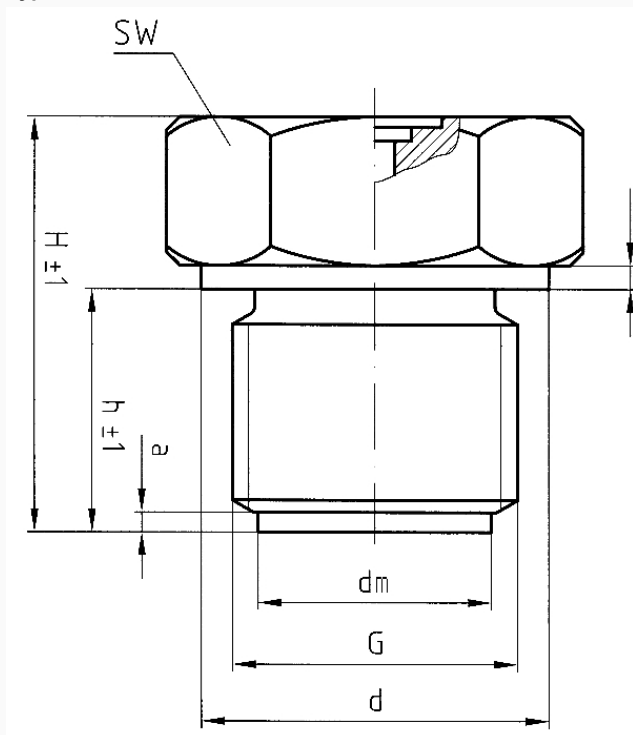
PN 1000

Options

- Adapter for instrument connection G $\frac{1}{4}$ B/G $\frac{1}{2}$ B
- Cooling element (> 100 °C)
- Capillary tube
- other threads
- other materials
- other filling liquids

Technical Drawings

Type MD 21



G	d	dm	h	H	a	b	SW
G½B	26	17,2	17	33,5	3	3	27
G¾B	32	23,5	19	34	3	3	32
G1B	39	28	21	36	3	3	41
G1½B	55	40	25	48	3	3	55
G2B	68	50	27	56	3	3,5	70

Versions

Process connection	standard	Instrument connection	Nominal pressure	minimum range* (in bar) at nominal size					Part no.
				63	100	160	DMU	DMU 13 Vario	
G¾B	DIN 3852 type A	Welded connection	PN 1000	4 bar	4 bar	4 bar	1 bar		31416W

● in-stock items

● Non-stock items