

Diaphragm seals compact version

benefits

- robust, compact stainless steel design
- ideal for heavy fuel oil, suspensions and corrosive media
- suitable for medium pressure ranges



Application

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

Technical Specifications

Process connection

Stainless steel 316 L
fixed male thread

diaphragm

stainless steel 316 Ti/316 L
Internal, welded

Instrument connection

Welded connection

pressure transmission liquid

Paraffin oil (FM 09), FDA-listed

pressure range

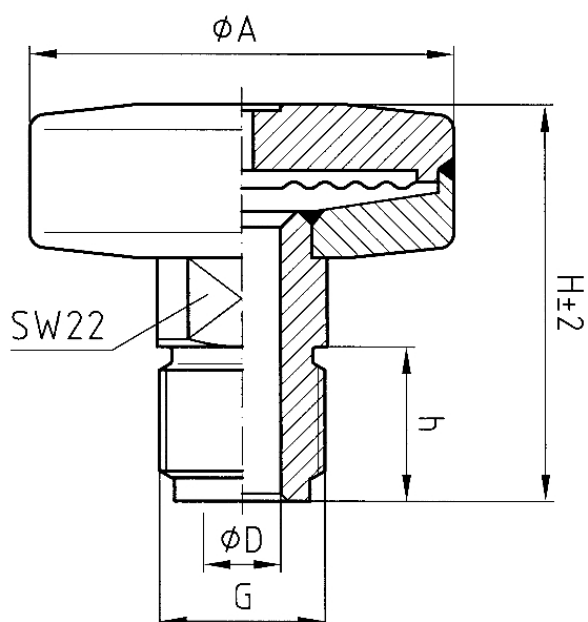
see overview of versions

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 22



PN	G	ØA	ØD	h	H
40	G $\frac{1}{4}$ B	55	6	13	44,5
40	G $\frac{3}{8}$ B	55	6	16	47,5
40	G $\frac{1}{2}$ B	55	10	20	51,5
40	$\frac{1}{4}$ "NPT	55	6	15	46,5
40	$\frac{1}{2}$ "NPT	55	10	20	51,5
250	G $\frac{1}{4}$ B	40	6	13	44,5
250	G $\frac{3}{8}$ B	40	6	16	47,5
250	G $\frac{1}{2}$ B	40	10	20	51,5
250	$\frac{1}{4}$ "NPT	40	6	15	46,5
250	$\frac{1}{2}$ "NPT	40	10	20	51,5

Versions

Process connection	standard	Instrument connection	Nominal pressure	minimum range* (in bar) at nominal size					Part no.
				63	100	160	DMU	DMU 13 Vario	
G $\frac{1}{4}$ B		Welded connection	PN 40	0.6 bar	0.6 bar	0.6 bar	0.6 bar	0.6 bar	● 31997W
G $\frac{1}{2}$ B		Welded connection	PN 40	0.6 bar	0.6 bar	0.6 bar	0.6 bar	0.6 bar	● 31998W
G $\frac{1}{4}$ B		Welded connection	PN 250	4 bar	4 bar	4 bar	4 bar	4 bar	● 32000W
G $\frac{1}{2}$ B		Welded connection	PN 250	4 bar	4 bar	4 bar	4 bar	4 bar	● 32001W

- in-stock items
- Non-stock items