

Diaphragm seal

threaded process connection
standard threaded design

Applications

- basic industrial applications
- aggressive, corrosive, toxic media
- high temperature

Standards / Approvals

- ISO 228-1
- ASME B 1.20.1
- DIN 13-1



Features

- threaded connection
- internal diaphragm proper for low pressure ranges
- threaded design
- wide range of instrument connections

Pressure rating

- 16 bar - standard version
- 100 bar - special versions

Process connection

- 1/2" BSPP, NPT
- 1/4" BSPP, NPT
- M20x1,5
- other on request

Instrument connection

- 1/2" BSPP, NPT
- 1/4" BSPP, NPT
- M20x1,5
- other on request

Wetted parts material

- 304 (1.4301) stainless steel
- 316L (1.4404) stainless steel
- 316Ti (1.4571) stainless steel
- special materials on request:
Hastelloy C276, Duplex, Monel, Tantalum,
Titanium, Nickel

Filling fluid

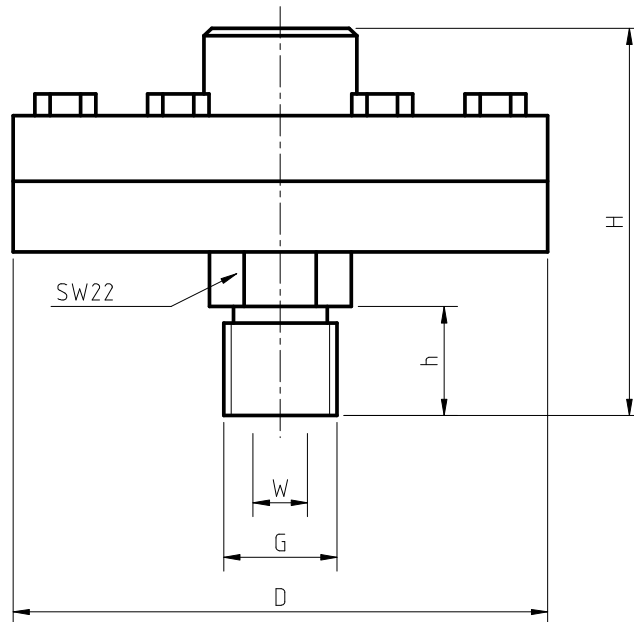
- silicone oil (max. 200°C)
- high temperature oil (max. 315°C)
- oil for vacuum service
- vegetable oil
- fluorine oil
- other on request

Optional capillary

- length up to 15m
- armored, axial entry
- 304 (1.4301) stainless steel

Options

- radiator
- other on request



Sample dimensions (in mm)

D	G	W	h	H
ø88	1/2" BSPP	12	20	64
ø98	1/2" BSPP	12	20	73

Ordering: model - process connection - material (diaphragm, body) - capillary length (if applicable) - instrument connection - other options or requests

For proper diaphragm seal manufacturing and calibration, process data - temperatures, pressures and media type - should be provided.