



Specifications

- Seal material: AISI 316L / 1.4404
- Diaphragm material: AISI 316L / 1.4435
- Max Pressure: 400 bar
- Instrument connection: 1/2" BSP female (others on request)
- Process connection size: See table

Special features

- Flush welded diaphragm (free of dead space)
- Diaphragm protected against rupture with backup convolution

Available certification

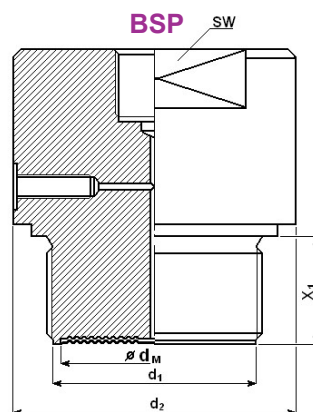
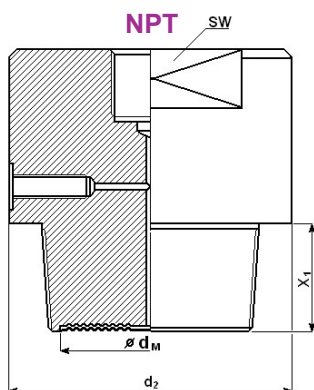
- 2.1 Certificate of conformity
- 3.1 Material certificate
- Others on request

How to order

Please specify: model, process thread, certificates
Example: P2, 1" NPT male

Introduction

Compact chemical seal with a threaded process connection and flush diaphragm suitable for applications with high pressure and reduced space.



Size / Thread	dm	d1	d2	X1	SW	Weight
1/2" NPT	18	18	28	20	28	0.18
3/4" NPT	22	22	30	22	30	0.22
1" NPT	29	29	45	24	41	0.53
1 1/2" NPT	40	44	58	30	45	0.98
2" NPT	46	56	78	30	60	1.53
1/2" BSP	18	18	28	20	28	0.18
3/4" BSP	22	22	30	22	30	0.22
1" BSP	29	29	45	21	35	0.53
1 1/2" BSP	41	44	58	30	41	0.98
2" BSP	46	55	71	30	60	1.53
Dimensions in mm						Kg

Fit and fill service for diaphragm seals

- Fitted to a PCI pressure measuring instrument or another manufacturer's instrument
- Priority 24 hour turnaround service available
- Wide selection of fill fluids to suit the application e.g. food safe, high temperature, inert
- Filled using our unique turbo molecular vacuum filling station (can pull a ultra high vacuum to 10x-9 mbar A) ensures measurement accuracy and reliability
- Calibrated using up to date calibration equipment

Required information for diaphragm seal systems

- Pressure measuring instrument model and range
- Process connection on instrument
- Process temperature
- Ambient temperature
- System fill fluid

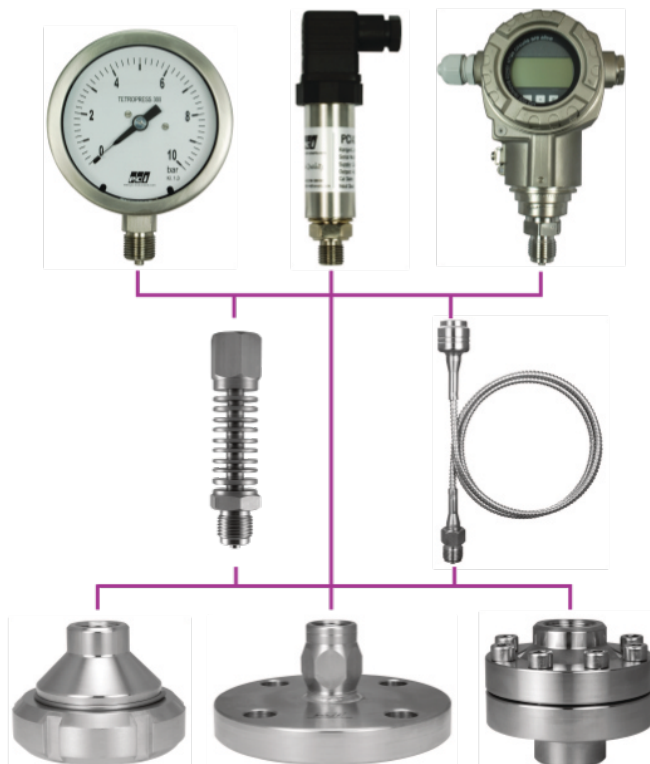
Options for diaphragm seal system

- Connection to instrument using a cooling tower
- Connection to instrument using a capillary (in meters)

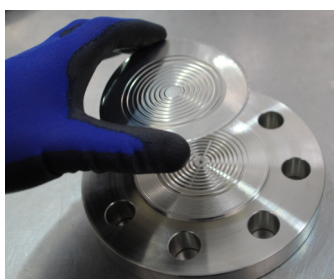
Available certification

- 2.1 Certificate of conformity
- 3.1 Material certificate
- Test certificate for indication accuracy
- FDA conformity for system fill fluid
- Others on request

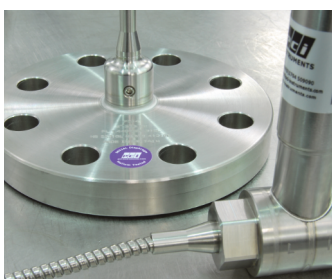
We can fit all manufacturer's instruments to a diaphragm seal



Turbo vacuum filling stations



British manufactured



Welded construction



Securely packed

Specifications are subject to change without notice

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