

FEATURES

- One piece construction
- Laser welded diaphragm
- Flushed diaphragm
- Ideal for Transmitters

APPLICATION

- Separation systems
- Isolation applications
- Viscous & corrosive media
- High-pressure applications

Flush



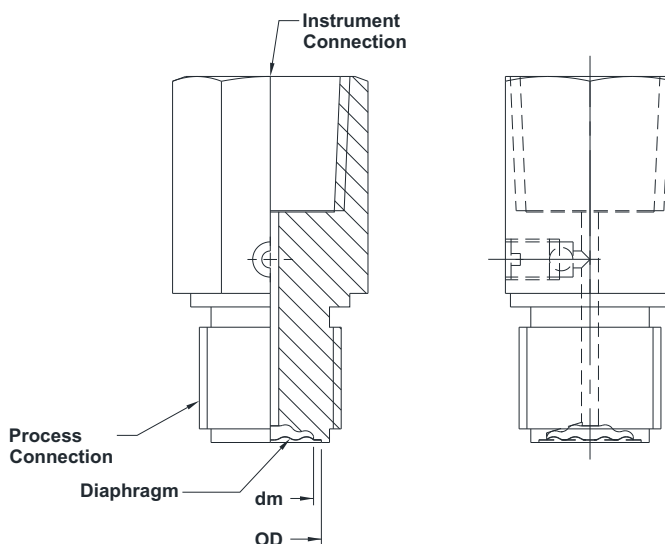
STANDARD SPECIFICATIONS

Range type	: 4...600 bar*
Body material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F) / 1/2" BSP (F)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: 1/2" NPT (M) / 1/2" BSP (M)*
Assembly	: Direct

*Refer range vs Process connection table

DIMENSIONAL DRAWING

Type S16



All dimensions are in mm.

ORDERING CODES

1. RANGE TYPE				S16	7. ASSEMBLY		B8	
S16	4...600 bar				B8	Direct		
2. BODY MATERIAL				LF	B9		Remote (capillary)	
LF	AISI 316 SS				8. CAPILLARY			XX
LG	AISI 316L SS			OU	AISI 304SS			
3. DIAPHRAGM MATERIAL				DG	OV	AISI 316 SS		
DG	AISI 316L SS				9. ARMOUR		XX	
4. INSTRUMENT CONNECTION				04N	OX	AISI 304SS		
03B	3/8" BSP (F)		04B		1/2" BSP (F)		OY	AISI 316 SS
02B	1/4" BSP (F)		04N	1/2" NPT (F)		OZ		
02N	1/4" NPT (F)		10. REMOTE MOUNTING LENGTH					XXXX
5. SEALING FLUID				0A	XXXX	1000 mm up to 4000 mm		
OA	Silicon DC 200 [-40°C to 205°C]				11. OTHER OPTIONS			
OF	Food grade oil [-20°C to 140°C]			XZ	Dry seal			
OG	Glycerine [10°C to 150°C]			HL	Helium leak test			
OI	Syltherm 800 [-40°C to 315°C]			TM	Material test certificate 2.2			
OL	Silicon DC 710 [7°C to 371°C]			TC	Material test certificate 3.1			
6. PROCESS CONNECTION				14N				
14N	1/2" NPT (M)		15N		3/4" NPT (M)			
16N	1" NPT (M)		17N	1.5" NPT (M)				
18N	2" NPT (M)		14B	1/2" BSP (M)				
15B	3/4" BSP (M)		16B	1" BSP (M)				
17B	1.5" BSP (M)		18B	2" BSP (M)				

Ordering Example : D104-S16-LF-DG-04N-OA-14N-B8

CONNECTION SIZE Vs RANGE CHART

Thread Size	1/2"	3/4"	1"	1 1/2"	2"
"Diaphragm Size (OD/ED) in "mm"	15/12	20/16	27/23	40/32	48/40
Range (bar)	0...70 to 0...700	0...40 to 0...700	0...25 to 0...700	0...4 to 0...600	0...4 to 0...400

NOTES:

- Other sealing liquids are available, contact factory for further details.
- Remote mounting available in connection 1" and above.
- All metal diaphragms are laser welded to the Top Chamber.