

FEATURES

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

APPLICATION

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

Flush



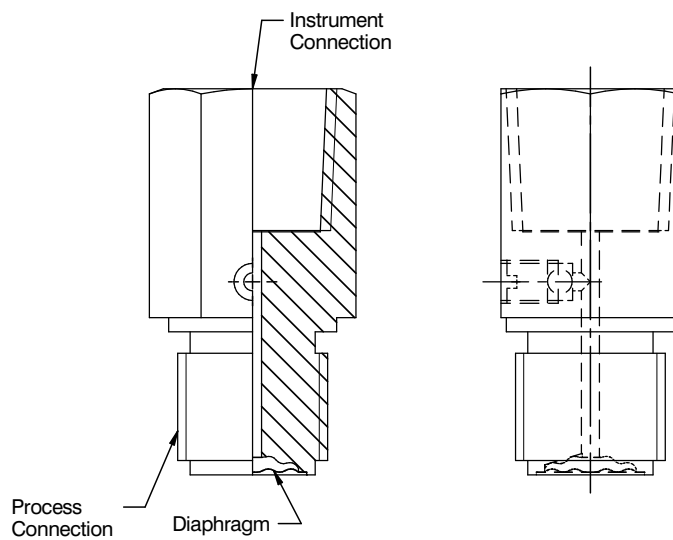
STANDARD SPECIFICATIONS

Range type	: 4...600 bar*
Body material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: 1/2"NPT (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	8. CAPILLARY		XX
LF	AISI 316 SS		OU	AISI 304SS	
LG	AISI 316L SS		OV	AISI 316 SS	
3. DIAPHRAGM MATERIAL		DG	9. ARMOUR		XX
DG	AISI 316L SS		OX	AISI 304SS	
4. INSTRUMENT CONNECTION		04N	OY	AISI 316 SS	
03B	3/8" BSP (F)		OZ	PVC (Ambient max. 60°C)	
04N	1/2" NPT (F)		10. REMOTE MOUNTING LENGTH		
02B	1/4" BSP (F)		XXXX	1000 mm up to 4000 mm	
04B	1/2" BSP (F)		11. OTHER OPTIONS		
02N	1/4" NPT (F)		XZ	Dry seal	
5. SEALING FLUID		0A	HL	Helium leak test	
OA	Silicon DC 200 [-40°C to 205°C]		TM	Material test certificate 2.2	
OF	Food grade oil [-20°C to 140°C]		TC	Material test certificate 3.1	
OG	Glycerine [10°C to 150°C]				
OI	Syltherm 800 [-40°C to 315°C]				
OL	Silicon DC 710 [7°C to 371°C]				
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.