FEATURES

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

APPLICATION

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

Flush Type

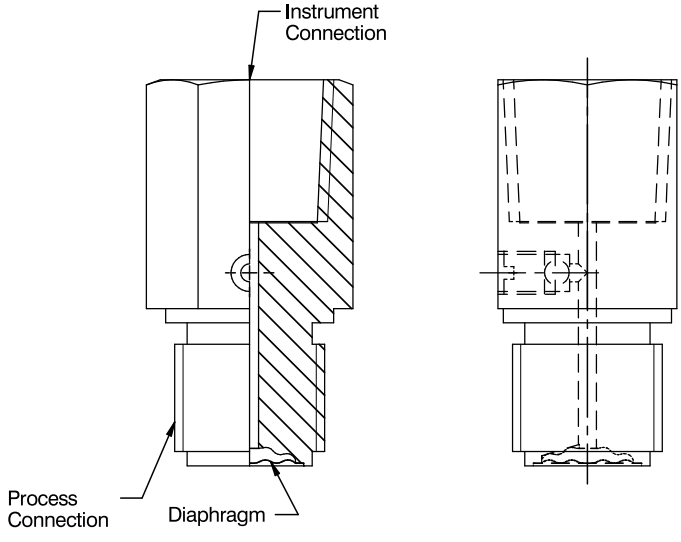
STANDARD SPECIFICATIONS

Range type	:	4…600 bar*
Body material	:	AISI 316 SS
Diaphragm	:	AISI 316L SS
Instrument connection	:	½" NPT (F)
Sealing fluid	:	Silicon DC 200 (-40…205°C)
Process connection	:	½"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

S16	4…600 bar

2. BODY MATERIAL — LF

LF	AISI 316 SS
LG	AISI 316L SS

3. DIAPHRAGM MATERIAL — DG

DG	AISI 316L SS

4. INSTRUMENT CONNECTION — 04N

03B	3/8" BSP (F)
04N	½" NPT (F)
02B	¼" BSP (F)
04B	½" BSP (F)
02N	¼" NPT (F)

5. SEALING FLUID — OA

OA	Silicon DC 200 [-40°C to 205°C]
OF	Food grade oil [-20°C to 140°C]
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	½" NPT (M)	**15N**	¾" NPT (M)
16N	1" NPT (M)	**17N**	1.5" NPT (M)
18N	2" NPT (M)	**14B**	½" BSP (M)
15B	¾" BSP (M)	**16B**	1" BSP (M)
17B	1.5" BSP (M)	**18B**	2" BSP (M)

7. ASSEMBLY — B8

B8	Direct
B9	Remote (capillary)

8. CAPILLARY — XX

OU	AISI 304SS
OV	AISI 316 SS

9. ARMOUR — XX

OX	AISI 304SS
OY	AISI 316 SS
OZ	PVC (Ambient max. 60°C)

10. REMOTE MOUNTING LENGTH — XXXX

XXXX	1000 mm up to 4000 mm

11. OTHER OPTIONS — XX

XZ	Dry seal
HL	Helium leak test
TM	Material test certificate 2.2
TC	Material test certificate 3.1

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

CONNECTION SIZE Vs RANGE CHART

Thread Size	½"	¾"	1"	1½"	2"
"Diaphragm Size (OD/ED) in "mm"	15/12	20/16	27/23	40/32	48/40
Range (bar)	0...4 to 0...40	0...4 to 0...40	0...4 to 0...40	0...4 to 0...40	0...4 to 0...40

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