

FEATURES

- Economical and light weight
- All welded construction
- Laser welded diaphragm

APPLICATION

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

Heavy Duty Mini Seal

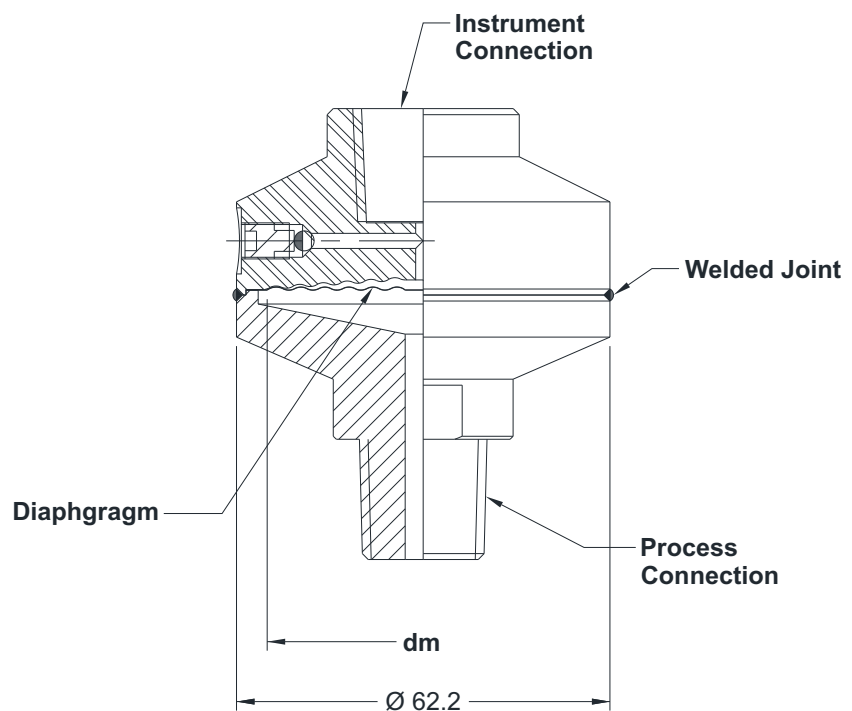


STANDARD SPECIFICATIONS

Range type	:	-1...0 bar & 0...2.5 bar / 4...70 bar / 100...250 bar / 280...600 bar
Chamber 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

DIMENSIONAL DRAWING

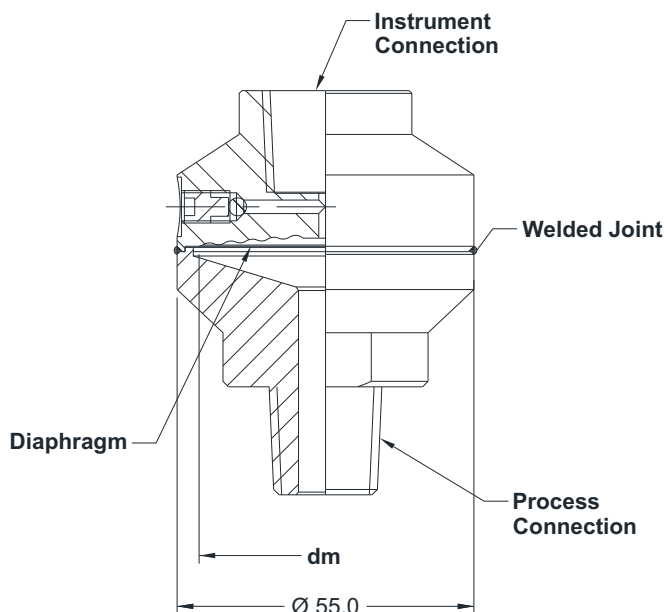
Type S11



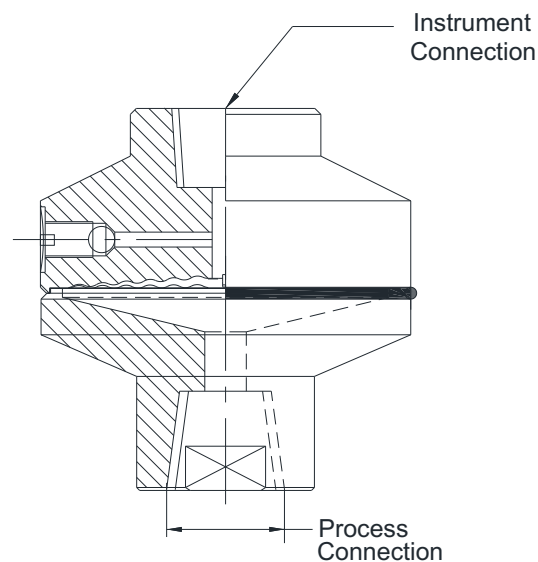
All dimensions are in mm.

DIMENSIONAL DRAWING

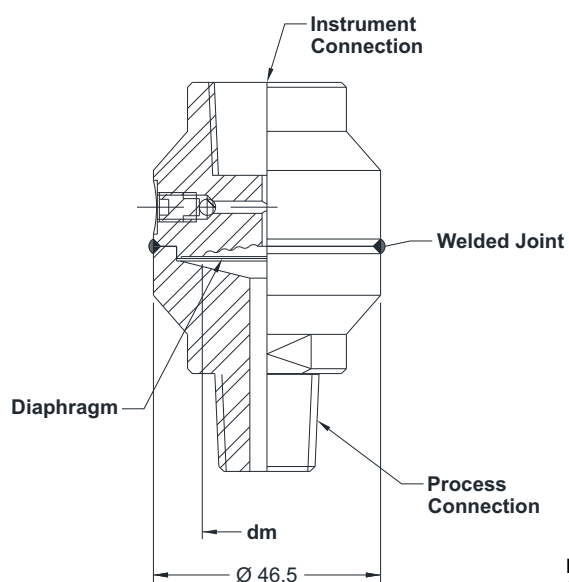
Type S12



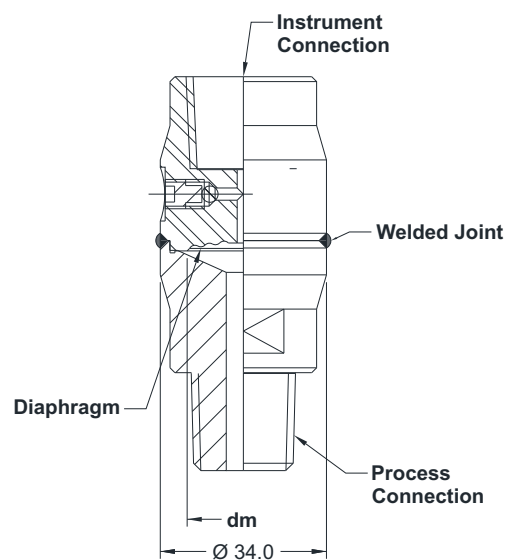
**Example for
female process connection**



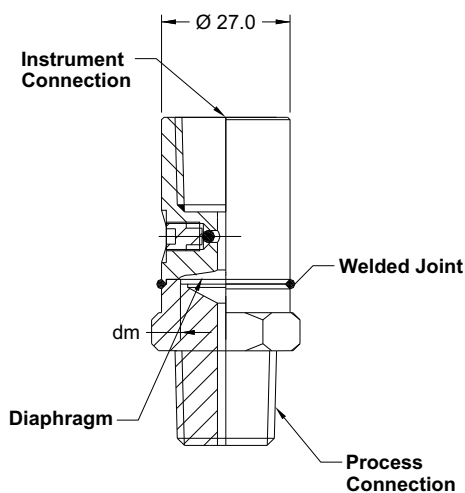
Type S13



Type S14



Type S15



ORDERING CODES

1. RANGE TYPE

S11	-1...0 bar & 0...2.5 bar
S12	4...70 bar
S13	100...250 bar
S14	280...600 bar
S15	700...1000 bar

S11

2. CHAMBER MATERIAL

LF	AISI 316 SS	LG	AISI 316L SS
NM	Monel 400	NO	Hastelloy C-276

LC

3. DIAPHRAGM MATERIAL

DG	AISI 316L SS	DO	Hastelloy C-276
DV	Titanium	D8	Silver coated
DM	Monel 400	DQ	Inconel 600
DW	Tantalum		

DG

4. INSTRUMENT CONNECTION

03B	3/8" BSP (F)	04N	1/2" NPT (F)
02B	1/4" BSP (F)	04B	1/2" BSP (F)
02N	1/4" NPT (F)		

04N

5. SEALING FLUID

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]

0A

6. PROCESS CONNECTION

12B	1/4" BSP (M)	13B	3/8" BSP (M)
14B	1/2" BSP (M)	12N	1/4" NPT (M)
14N	1/2" NPT (M)	14M	M20 x 1.5 (M)
02N	1/4" NPT (F)	04N	1/2" NPT (F)
02B	1/4" BSP (F)	04B	1/2" BSP (F)
03B	3/8" BSP (F)		

14N

7. ASSEMBLY

B8	Direct
B9	Remote (capillary)

B8

8. CAPILLARY

OU	AISI 304 SS	OV	AISI 316 SS
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9. ARMOUR

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

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10. REMOTE MOUNTING LENGTH

XXXX	1000 mm up to 4000 mm
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XXXX

11. OTHER OPTIONS

XZ	Dry seal
HL	Helium leak test
TM	Material test certificate 2.2
TC	Material test certificate 3.1
E8	Weld constructed bottom chamber (Eco version)

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Ordering Example : D103-S11-LC-DG-04N-OA-14N-B8

NOTES:

1. Other sealing liquids are available, contact factory for further details.
2. Remote mounting applicable in range type S11, S12 & S13.
3. All metal diaphragms are laser welded to the Top Chamber.