

FEATURES

- Quick connect/disconnect
- Laser welded flush diaphragm
- DIN, SMS, RJT & IDF / ISS connections

APPLICATION

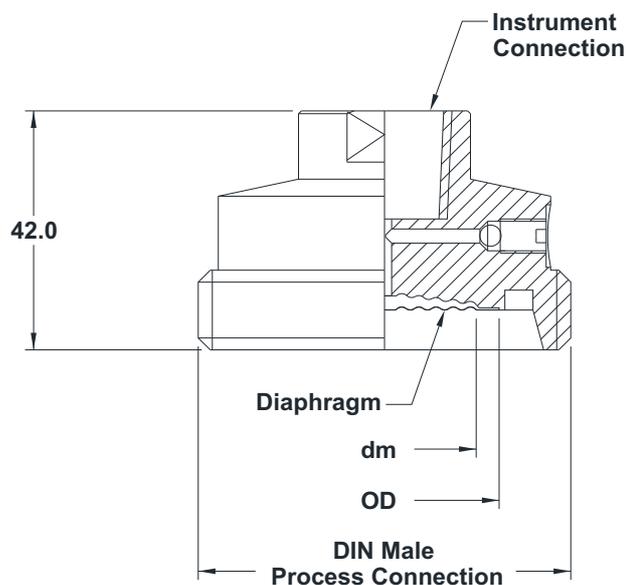
- Food & beverages industries
- Dairy & Ice cream industries
- Pharmaceuticals & cosmetics



STANDARD SPECIFICATIONS

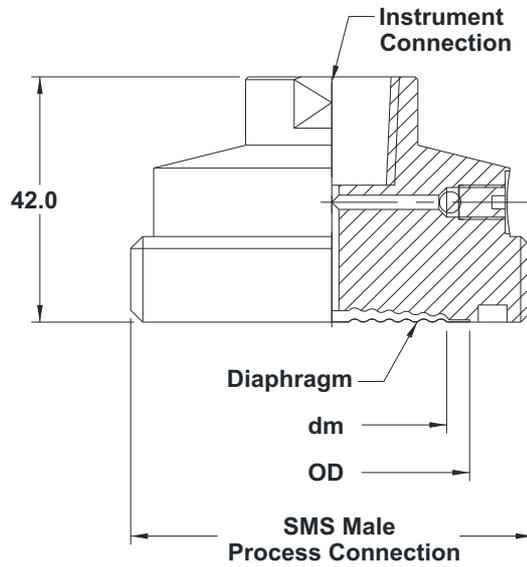
Range type	: 1...40 bar
Chamber material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: ½" NPT (F) / ½" BSP (F)
Sealing fluid	: Food Grade oil [-20°C to 140°C]
Process connection	: Male thread (DIN 11851 / SMS / RJT/APV / IDF/ISS)
Assembly	: Direct

STANDARD : DIN 11851

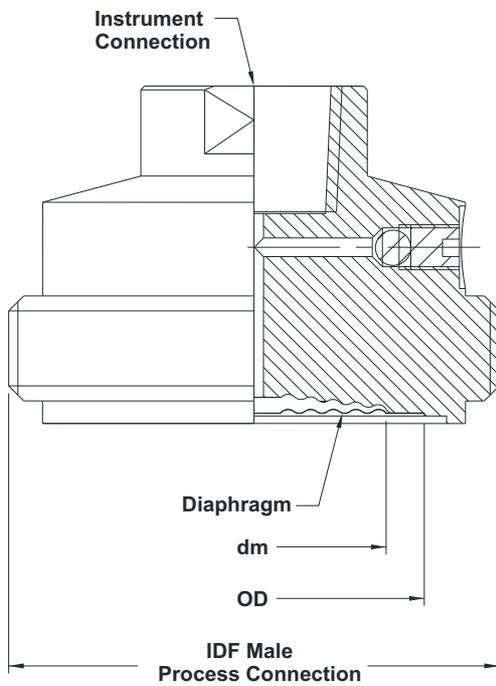


All dimensions are in mm.

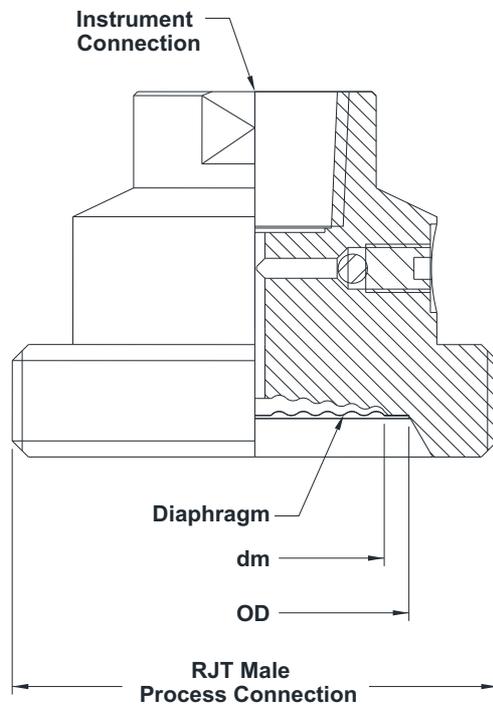
STANDARD : SMS



STANDARD : RJT / APV



STANDARD : IDF / ISS



All dimensions are in mm.

ORDERING CODES	
1. RANGE TYPE	S37
S36 1...25 bar	
S37 1...40 bar	
Refer range vs connection size table	
2. STANDARD TYPE	T40
T40 DIN 11851	
T41 SMS	
T42 RTJ / APV	
T43 IDF / ISS	
3. CHAMBER MATERIAL	LF
LF AISI 316 SS	
LG AISI 316L SS	
4. DIAPHRAGM MATERIAL	DG
DG AISI 316L SS	
5. INSTRUMENT CONNECTION	04N
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)	
6. SEALING FLUID	OG
OF Food grade oil [-20°C to 140°C]	
7. PROCESS CONNECTION (MALE THREAD)	T15
T01 1" Connection (DN25)	
T14 1 1/4" Connection (DN32)	
T15 1 1/2" Connection (Dn40)	
T02 2" Connection (Dn50)	
T25 2 1/2" Connection (DN63)	
T03 3" Connection (DN80)	
8. ASSEMBLY	B8
B8 Direct	
B9 Remote (capillary)	
9. CAPILLARY	XX
OU AISI 304 SS	
OV AISI 316 SS	
10. ARMOUR	XX
OX AISI 304 SS	
OY AISI 316 SS	
OZ PVC (Ambient max. 60°C)	
11. REMOTE MOUNTING LENGTH	XXXX
XXXX 1000 mm up to 4000 mm	
12. OTHER OPTIONS	XX
XZ Dry seal	
HL Helium leak test	
TM Material test certificate 2.2	
TC Material test certificate 3.1	

Ordering Example : D303-S37-T40-LF-DG-04N-OG-T15-B8

CONNECTION SIZE Vs RANGE CHART						
DIN	Size	25	32	40	50	80
	"Diaphragm Size (OD/ED) in "mm"	35/25	38/32	48/40	59/52	80/72
	Range (bar)	0...4 to 0...40	0...2 to 0...40	0...1 to 0...40	0...1 to 0...40	-1...0 to 0...40
SMS	Size	1"	1 1/2"	2"		
	"Diaphragm Size (OD/ED) in "mm"	30/23	45/36	58/51		
	Range (bar)	0...4 to 0...40	0...2 to 0...40	0...1 to 0...40		

NOTES:

1. All metal diaphragms are laser welded to the Top Chamber.