

Threaded Flush Type

MIEPL make Sanitary diaphragm seals, mounted with pressure gauges, process transmitters, pressure switches etc. By using diaphragm seals, the measuring instruments can be used at extreme temperatures from -10 to +150 °C and with Food and Pharma application. This also facilitates quick opening of Diaphragm separation system for cleaning & Flushing.



FEATURES

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

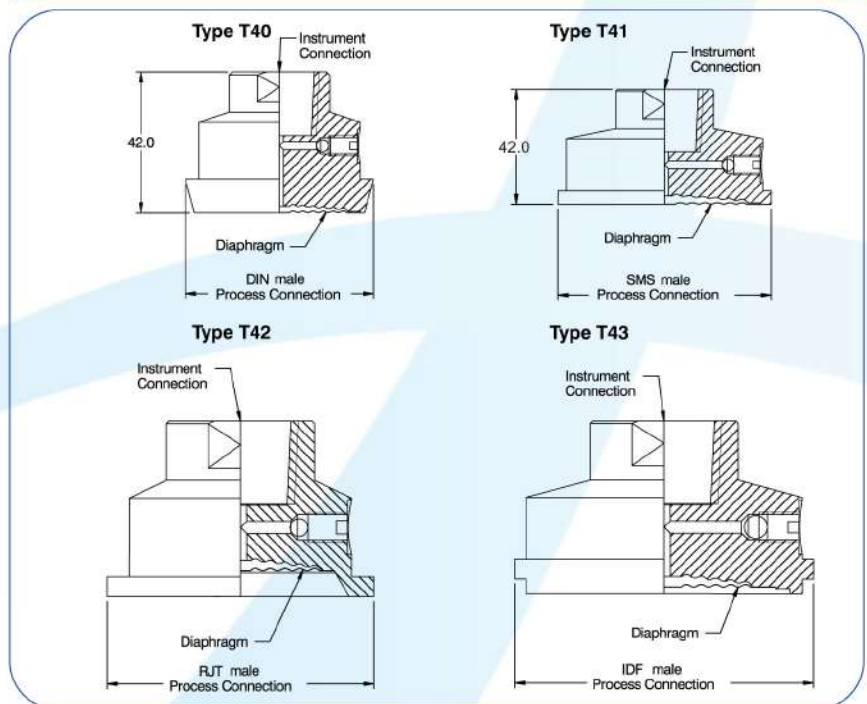
APPLICATION

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

STANDARD SPECIFICATIONS

Range type	: 1.6...40 bar DIN 11851
Chamber material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F)
Sealing fluid	: Glycerine [10°C to 150°C]
Process connection	: 1.5" Connection
Assembly	: Direct
Capillary	Optional
Armour	Optional
Remote mounting length	Optional

DRAWING



All dimensions are in mm.

ORDERING CODE

MDS11 - R23 - T40 - CF - DG - 4NF - FG - T15 - B8

1. RANGE TYPE	1.6...21 bar	R22						
	1.6...40 bar	R23						
	Refer range vs connection size table							
2. STANDARD TYPE	DIN 11854		T40					
	SMS		T41					
	RTJ / APV		T42					
	IDF / ISS		T43					
3. CHAMBER MATERIAL	AISI 316 SS			CF				
	AISI 316L SS			CG				
4. DIAPHRAGM MATERIAL	AISI 316L SS				DG			
5. INSTRUMENT CONNECTION	3/8" BSP (F)					3BF		
	1/2" NPT (F)					4NF		
	1/4" BSP (F)					2BF		
	1/2" BSP (F)					4BF		
	1/4" NPT (F)					2NF		
6. SEALING FLUID	Food grade oil [-20°C to 140°C]						FF	
	Glycerine [10°C to 150°C]						FG	
7. PROCESS CONNECTION	1" Connection'							TO1
	1.5" Connection							T15
	2" Connection							T02
	2.5" Connection							T25
8. ASSEMBLY	Direct							B8
	Remote (capillary)							B9
9. CAPILLARY	AISI 304 SS							OU
	AISI 316 SS							OV
10. ARMOUR	AISI 304 SS							OX
	AISI 316 SS							OY
	PVC (Ambient max. 60°C)							OZ
11. REMOTE MOUNTING LENGTH MOUNTING	1000 mm up to 4000 mm							XXXX
12. OTHER OPTIONS	Dry seal	XZ				Material test certificate 2.2		SM
	Helium leak test	SL				Material test certificate 3.1		SC

CONNECTION SIZE Vs RANGE CHART

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

APPLICABLE ACCESSORIES

Sanitary connection ring/nut A303

Ordering Example MDS11 - R23 - T40 - CF - DG - 4NF - FG - T15 - B8