

Plain 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

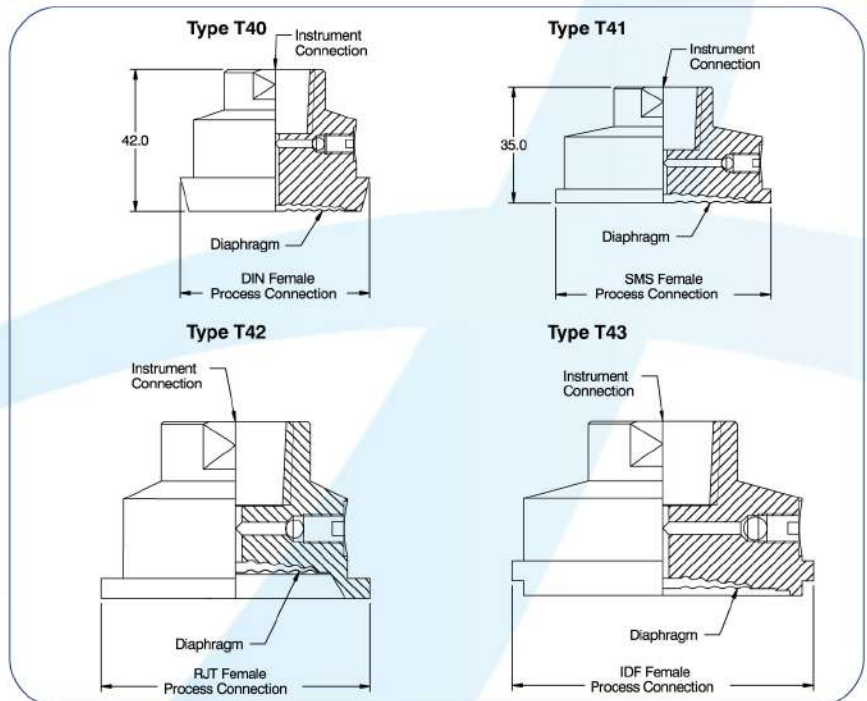
APPLICATION

- ⇒ 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

MDS10 - R22 - T40 - CF - DG - 3BF - FF - T01 - 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								
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								T01
	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. ASSEMBLY	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								
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 **MDS10 - R22 - T40 - CF - DG - 3BF - FF - T01 - B8**