

Pan-cake Type

MIEPL Wafer Seal used in Paper and Pharma Industries and in highly viscous application. Seals are mounted with pressure gauges, process transmitters, pressure switches etc. mounted with pressure gauges, process transmitters, pressure switches etc. By using diaphragm seals, the measuring instruments can be used at extreme temperatures from -40 to +370 °C. They are used on line fitting depending on various pipe line sizes.



FEATURES

- ⇒ Flush fitment in pipeline
- ⇒ welded flush diaphragm
- ⇒ Optional flushing ring
- ⇒ Optional exotic materials

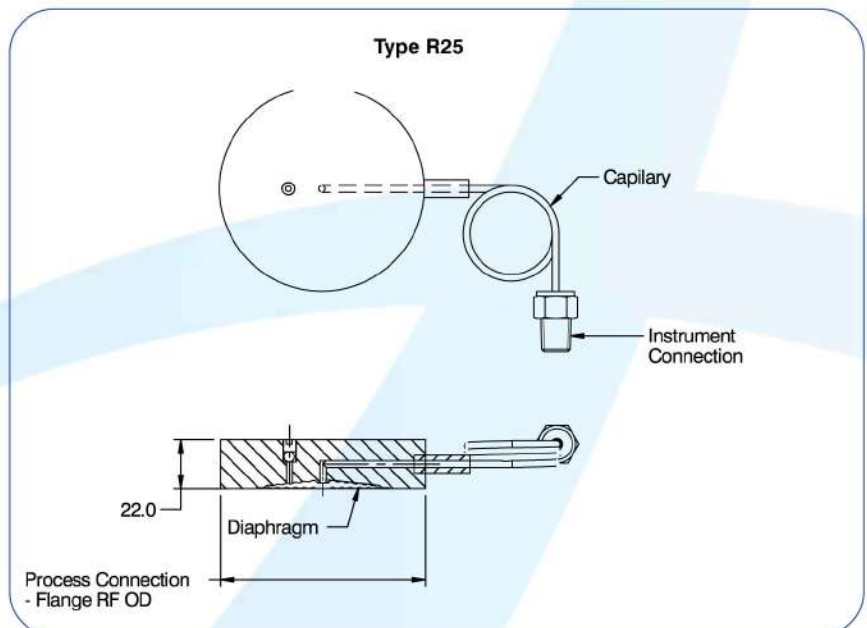
APPLICATION

- ⇒ Slurry applications
- ⇒ Transmitter refurbishment

STANDARD SPECIFICATIONS

Range type	: -1...250 bar
Wafer material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F)
Sealing fluid	: Silicon DC 710 [7°C to 371°C]
Process connection	: 2" RF flange connection
Assembly	: Remote
Capillary	: AISI 304 SS
Armour	: AISI 304 SS
Remote mounting length	: 2000 mm

DRAWING



All dimensions are in mm.

ORDERING CODE

MDS13 - R25 CF DG 4NF FL T92 XX B9 OU OX XXXX

1. RANGE TYPE	-1...250 bar	R25																		
2. CHAMBER & FLANGE MATERIAL	AISI 316 SS		CF																	
	AISI 316L SS		CG																	
	Monel 400		CM																	
	Hastelloy C-276		CO																	
3. DIAPHRAGM MATERIAL	AISI 316L SS			DG																
	Monel 400			DM																
	Hastelloy C-276			DO																
	Titanium			DV																
	Tantalum			DW																
	Nickel			DX																
4. INSTRUMENT CONNECTION	1/4" BSP (F)																			
	1/4" NPT (F)																			
	1/2" BSP (F)																			
	1/2" NPT (F)																			
5. SEALING FLUID	Syltherm 800 [-40°C to 315°C]																			
	Silicon DC 710 [7°C to 371°C]																			
	Silicon DC 200 [-40°C to 205°C]																			
6. PROCESS CONNECTION	2" RF flange connection																			
	3" RF flange connection																			
	1.5" RF flange connection																			
	4" RF flange connection																			
	5" RF flange connection																			
7. PROTECTION ON WETTED PARTS	PTFE coating on diaphragm or wetted parts																			
	PTFE protection from diaphragm																			
8. ASSEMBLY	Remote (capillary)																			
9. CAPILLARY	AISI 304 SS																			
	AISI 316 SS																			
10. ARMOUR	AISI 304 SS																			
	AISI 316 SS																			
	PVC (Ambient max. 60°C)																			
11. REMOTE MOUNTING LENGTH	2000 mm up to 6000 mm																			
12. OTHER OPTIONS	Dry seal																			
	Helium leak test																			
	Material test certificate 2.2																			
	Material test certificate 3.1																			
MOUNTING KITS																				
Bolt/ Nut/ Washer			Hardware			Metal / Graphoil / Asbestos						Gaskets								
Suitable mating type			Flanges																	

Ordering Example **MDS13 - R25 CF DG 4NF FL T92 XX B9 OU OX XXXX**

1. Different sealing liquids Can be Provided, Please Refer Factory.