



## Compact Diaphragm Seals Fully Welded Model: MDD2

### Applications

- Level measurement . For aggressive, corrosive or toxic media
- Rugged design for direct mounting
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction

### Special features

- All welded diaphragm seals
- All stainless steel 316L
- Large selection of process connections and materials
- Large selection of process pressure



### Description

■ <b>body material</b>	Stainless steel 304, Stainless steel 316L
■ <b>Diaphragm material</b>	Hastelloy, Monel, Tantalum(option)
■ <b>Process connection</b>	Stainless steel 316L, Hastelloy, Monel
■ <b>Silicon oil</b>	PVC, PVDF, PP, Tantalum(option)
■ <b>Diaphragm diameter</b>	Stainless steel 316L
■ <b>Max. process pressure at 20°C</b>	1/4 NPT, 1/2 NPT, BSP (option)
■ <b>Process connection</b>	Suitable for -40 ... 345C
■ <b>Capillary</b>	30mm for high pressure, 35mm for medium pressure, 52mm for low pressure
■ <b>Armour</b>	6000 psi
■ <b>body material</b>	Stainless steel 304, Stainless steel 316L
■ <b>Diaphragm material</b>	Hastelloy, Monel, Tantalum(option)
■ <b>Process connection</b>	Stainless steel 316L
■ <b>Silicon oil</b>	1/4", 1/2", 3/4", 1", female NPT or BSP
■ <b>Diaphragm diameter</b>	1/2 male NPT or BSP
■ <b>Max. process pressure at 20°C</b>	Stainless steel 316
■ <b>Process connection</b>	Stainless steel 304, Stainless steel 316
■ <b>Capillary</b>	PTFE, PVC, Silicone (option)
■ <b>Armour</b>	



**MDD2 Diaphragm Seals**

ORDERING CODE	Example:	MDD2	4	N	2	L	S	P	OT	NOTE
Process Connection Size										
2 - 1/4										
4 - 1/2			4							
6 - 3/4										
8 - 1"										
C - Customer										
Process Connection Type										
N - Male NPT				N						
G - Male G										
E - Female										
C - Customer										
Instrument Connection										
2 - 1/4 Female NPT			2							
4 - 1/2 Female NPT										
6 - 1/4 Female G										
8 - 1/2 Female G										
10 - 1/4 Welded										
12 - 1/2 Welded										
P - Capillary (consult for material, Length and armour)										
C - Custom										
Process Pressure										
L - Low pressure (1 to 60 bar)				L						
M - Medium pressure (6 to 60 bar)										
H - High pressure (100 to 400 bar)										
Body Material										
S - 316L Stainless steel					S					
M - Monel® 400										
H - Hastelloy										
T - Titanium										
L - Tantalum										
I - Inconel 600										
P - PTFE coated (max. temp 200°C and 1500 PSI)										
F - PTFE coated (max. temp 300°C and 1500 PSI)										
O - Silver										
G - Gold										
C - Customer										
Sealing Ring Embedded										
P - PTFE for max. temp 200°C					P					
G - Graphite for max. temp 345°C										
Options										
FF - Filling fluids covering from -100 ... 400										
OT - Helium leak test						OT				
OC - Calibration test certificate										
OM - Material test certificate										
NS - According to NACE MR 0175 & NACE MR 0103 standard										
NH - Stainless steel tag wired to case										
WA - One year warranty										
Other										



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