

Clamp connection
Diaphragm seal



FEATURES

- Quick connect / disconnect
- Laser welded flush diaphragm
- Tri-clamp connection

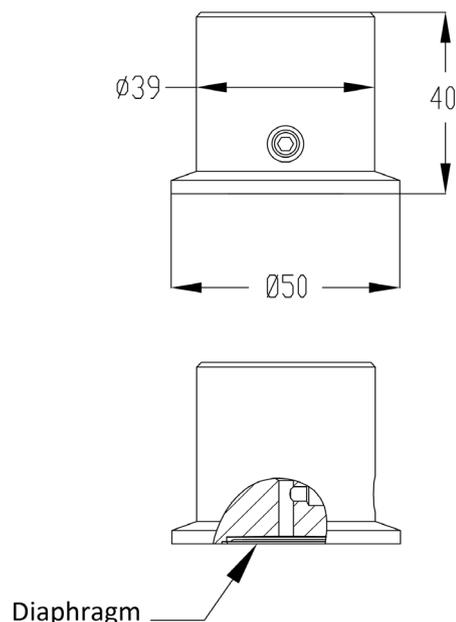
APPLICATIONS

- Food & beverages industries
- Pharmaceutical & cosmetics

STANDARD PARAMETERS

Range type	-1...0 bar to 0...40 bar Tri-clover
Chamber material	AISI 316 SS
Diaphragm	AISI 316L SS
Instrument connection	½" NPT (F) / ½" BSP (F)
Sealing fluid	Food grade oil [-20°C...140°C]
Process connection	1", 1.5", 2", 2.5", 3"
Assembly	Direct

DIMENSIONAL DRAWING



All dimensions are in mm.

ORDERING CODES

1. RANGE TYPE		Z31	7. ASSEMBLY		DR
Z31	-1...40 bar Tri-clover		DR	Direct	
			RE	Remote	
2. CHAMBER MATERIAL		MG	8. OTHER OPTIONS		
MF	AISI 316 SS		XZ	Dry seal	
MG	AISI 316L SS		TL	Helium leak test	
			TC	Material test certificate	
			E7	4" Bourdon tube system	
3. DIAPHRAGM MATERIAL		MG			
MG	AISI 316L SS				
4. INSTRUMENT CONNECTION		03B			
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)				
5. SEALING FLUID		OF			
OF	Food grade oil [-20°C...140°C]				
OG	Glycerine				
6. TRI-CLOVER CONNECTION		T01			
T01	1" Connection				
T15	1.5" Connection				
T02	2" Connection				
T25	2.5" Connection				
T30	3" Connection				

Ordering Example:

MT-S120SN-Z31-MG-MG-03B-OF-T01-DR-XZ

NOTE

All metal diaphragms are laser welded to the Top Chamber.