

APPLICATIONS

- Food Industries
- Dairy Industries
- Pharmaceuticals Industries

FEATURES

- Single piece construction
- Flushed diaphragm
- Tri Clamp Connection
- Quick Connection



TRI CLAMP -SANITARY DIAPHRAGM SEAL - TMC25

DESCRIPTION

General

Storage temperature : -40...+65°C

Service temperature : 370°C max.

Weld joints : Welded for Diaphragm

Standard version

Seal type : -1.0 bar to 0...40 bar

Instrument connection : 1/2" NPT (F)

Sealing fluid : Silicon DC 200 [-40...205°C]

Process connection: 1.5" Connection

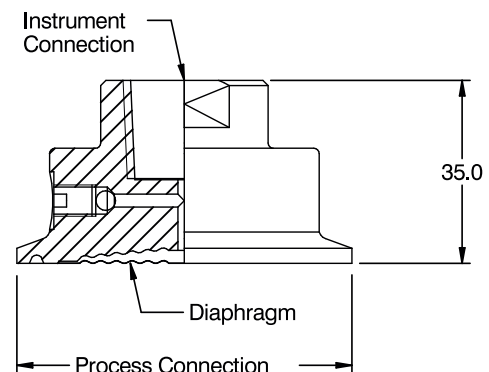
Material of construction

Sensing element : Diaphragm

Diaphragm : AISI 316L SS

Chamber material : AISI 316 SS / AISI 316L SS

GA DRAWING



NOTES

1. Standard GA Drawing. Not to scale.

2. Detailed GA Drawings are available, kindly contact factory

Filling liquids Vs Temperature range

Code	Fluid Name	Temperature Range
L1	Silicon DC 200	-40°C to 205°C
L2	Glycerin	10°C to 150°C
L3	Food Grade oil	-20°C to 140°C
L4	Syltherm 800	-40°C to 315°C
L5	Silicon DC 710	7°C to 371°C

Conn. Size	Range
1"	0...4 to 0...40Bar
1½"	0...2 to 0...40bar
2"	0...1 to 0...40bar
2.5"	-1...0 to 0...40bar

ORDERING CODES

MODEL

TMC25 Tri Clamp Flush diaphragm

TMC25

SEAL TYPE

R01 0...4 to 0...40Bar **R01** 0...2 to 0...40bar **R01** 0...1 to 0...40bar **R01** -1...0 to 0...40bar

R01

DIAPHRAGM

S03 AISI 316L SS

S03

BOTTOM CHAMBER

S02 AISI 316 SS **S03** AISI 316L SS

S02

INSTRUMENT CONNECTION

P27 1/2" BSP (F) **P28** 1/2" NPT (F)

P28

PROCESS CONNECTION

TR01 1" Tri Connection **TR02** 1.5" Tri Connection **TR03** 2" Tri Connection **TR04** 2" Tri Connection

P08

SEALING FLUID

XX As per Filling liquid Vs Temperature Rating table

L1

EXECUTION

R1 Direct

R1

OTHER OPTIONS

E77 Dry Seal **E31** Material test certificate 3.1 **E32** Material test certificate 2.2

XX

Ordering Example : TMC25-R01.S03.S02.P28.TR01.L1.R1/XX