

APPLICATIONS

- Food Industries
- Dairy Industries
- Pharmaceuticals Industries

FEATURES

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



Tri Clamp Sanitary DIAPHRAGM SEAL, ANI25

-1...0 bar to 0...40 bar Tri-Clamp

DESCRIPTION

General

Storage temperature : -40...+65°C
Service temperature : 370°C max.
Weld joints : Welded for Diaphragm

Material of construction

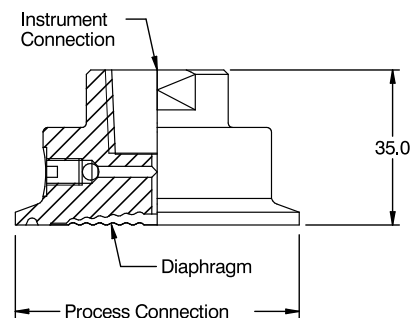
Sensing element : Diaphragm
Diaphragm : AISI 316L SS

Chamber material : AISI 316 SS / AISI 316L SS

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

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	Conn. Size	Range
1"	0...4 to 0...40Bar	2"	0...1 to 0...40bar
1.5"	0...2 to 0...40bar	2.5"	-1...0 to 0...40bar

ORDERING CODES

MODEL				ANI25			
ANI25 Tri Clamp Flush diaphragm							
seal SEAL TYPE				R01			
R01	0...4 to 0...40Bar	R01	0...2 to 0...40bar	R01	0...1 to 0...40bar	R01	-1...0 to 0...40bar
DIAPHRAGM				S03			
S03 AISI 316L SS							
BOTTOM CHAMBER				S02			
S02	AISI 316 SS	S03	AISI 316L SS				
INSTRUMENT CONNECTION				P28			
P27	1/2" BSP (F)	P28	1/2" NPT (F)				
PROCESS CONNECTION				P08			
TR01	1" Tri Connection	TR02	1.5" Tri Connection	TR03	2" Tri Connection	TR04	2" Tri Connection
SEALING FLUID				L1			
XX As per Filling liquid Vs Temperature Rating table							
EXECUTION				R1			
R1 Direct							
OTHER OPTIONS				XX			
E77	Dry Seal	E31	Material test certificate 3.1	E32	Material test certificate 2.2		

Ordering Example : ANI25-R01.S03.S02.P28.TR01.L1.R1/XX