



Description & Features:

- Solid front, blowout back, welded to a 316L stainless steel one-piece diaphragm seal body
- 316L stainless steel diaphragm for use on most corrosive media
- Permanently enclosed glycerin filled system
- Field-fillable gauge
- Orifice restrictor available for severe pulsation
- Pin stop at 6 o'clock available
- 5 year warranty

Applications:

- Process industry where tamper-resistant gauge/seal is required to protect against maintenance errors in the field

15 to 5,000 psi (103 to 34,474 kPa)

Specifications - Gauge	
Dial	4.5" (115mm) white aluminum with black and red markings
Case	Black phenolic
Solid Wall	Phenolic
Lens	Polycarbonate
Ring	Phenolic
Pointer	Aluminum, anodized black, micrometer adjustable
Socket	316L SS
Bourdon Tube	316L SS, drawn seamless
Movement	304 SS with protective over/under stops
Gasket Materials	Silicone
Welding	TIG
Over-Pressure Limit	25%
Working Pressure	Maximum 75% of full scale value
Ambient/Process Temperature	-40°F to 200°F (-40°C to 93°C) dry -4°F to 150°F (-20°C to 65°C) glycerin-filled
Accuracy	±1% ANSI/ASME Grade A
Enclosure Rating	IP65

Specifications - Seal	
Housing	AISI 316 SS
Diaphragm	AISI 316L SS, welded
Minimum Operating Pressure	15 psi
Maximum Operating Pressure	2,500 (17,237 kPa) to 5,000 psi (34,474 kPa)
Process Connection	1/2" NPT male

Order Codes

Connection	1/2" NPT bottom
Socket Tube and Movement	SS
Range	Code
0-15 psi	PTR5061R1
0-30 psi	PTR5062R1
0-60 psi	PTR5063R1
0-100 psi	PTR5064R1
0-160 psi	PTR5065R1
0-200 psi	PTR5066R1
0-300 psi	PTR5067R1
0-400 psi	PTR5068R1
0-600 psi	PTR5069R1
0-1,000 psi	PTR5070R1
0-1,500 psi	PTR5071R1
0-2,000 psi	PTR5072R1
0-3,000 psi	PTR5073R1
0-5,000 psi	PTR5074R1

Other ranges, units and connection sizes (3/4" MNPT, 1" MNPT, 1/2" FNPT) available upon request. Other fills available. Pin stop at 6 o'clock position available. **For options, attach suffix to end of order code: i.e. PTR5070R1-SF45 FOR SILICONE FILL**

Option suffix:

45G = Glycerin-filled gauge case
 SF-D = Silicone-filled diaphragm seal
 SF45 = Silicone-filled gauge case
 SG-45 = Safety glass

TAG = Stainless steel tagging
 TC = NIST test certificate of calibration
 RS = Orifice restrictor for severe pulsation
 Z = StabilizR™ movement

