



15 to 1,000 psi (103 to 6,894 kPa)

### Description & Features:

- Solid front, blowout back, welded to a 316L stainless steel one-piece diaphragm seal body
- 316L stainless steel wetted parts for use on most corrosive media
- Permanently enclosed glycerin filled system
- Field-fillable gauge
- 1 year warranty

### Applications:

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

### Specifications - Gauge

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

### Specifications - Seal

<b>Housing</b>	AISI 316 SS
<b>Diaphragm</b>	AISI 316L SS, welded
<b>Minimum Operating Pressure</b>	15 psi
<b>Maximum Operating Pressure</b>	1,000 psi (6,894 kPa)
<b>Process Connection</b>	1/2" FNPT

### Order Codes

Connection	1/2" FNPT 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

SF-D = Silicone-filled diaphragm seal  
 45G = Glycerin-filled gauge case  
 TAG = Stainless steel tagging  
 TC = NIST test certificate of calibration

SG-45 = Safety glass  
 SF45 = Silicone-filled gauge case  
 Z = Stabilizer movement

Other connections and dials available upon request  
 (1/4" FNPT, 1/2" MNPT, 1/4" MNPT)

