

**FEATURES**

- Liquid filled for extended service life and shock resistance.
- Ranges available from vacuum to 10,000 psi.
- 2 ½ and 4" dial sizes.
- Bottom or back connection.
- 304 Stainless steel case.
- 316 Stainless steel movement and 316 Bourdon tube, made in Germany.
- High grade glycerine fill dampens the effects of pulsations, vibrations and shock loads.



**APPLICATIONS**

- Hydraulic.
- Food and beverage.
- Industrial applications where pulsation, vibration and shock are present.

**OPERATING SPECIFICATIONS**

1. Working pressure limitations

**a. Dynamic Pressure:**

Working pressure should be limited to 60% of the dial range.

**b. Static Pressure:**

The working pressure, where no sharp fluctuations occur, should be limited to 90% of the dial range.

2. Media Temperature

0°F to 140°F (-18°C to 60°C).

3. Ambient Temperature

-4°F to 140°F (-20°C to 60°C).

	MODELS	SPECIFICATIONS
<b>Case</b>	All models	304 Stainless steel
<b>Bezel</b>	All models	304 Stainless steel
<b>Lens</b>	63-500, 63-510	Polycarbonate (Optional safety glass)
	100-500, 100-510	Tempered glass (Optional safety glass)
<b>Bourdon tube</b>	Models below 1000 psi	316 Stainless steel "C" bourdon tube
	Models 1000 psi and above	Helical tube
<b>Connection</b>	63-500, 63-510	1/4" NPT 304SS connection
	100-500, 100-510	1/2" NPT 304SS connection
<b>Movement</b>	All models	316 Stainless steel, Made in Germany
<b>Accuracy</b>	63-500, 63-510	± 1.6% Full scale
	100-500, 100-510	± 1.0% Full scale
<b>Pointer</b>	63-500, 63-510	Aluminum
	100-500, 100-510	Micro adjustable aluminum
<b>Dial</b>	All models	ABS White background with black psi scale and red kPa scale, UV Resistant
<b>Liquid fill</b>	All models	Glycerine

**\* SPECIAL REQUEST**

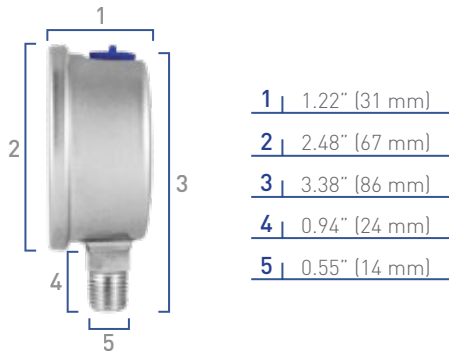
Please contact factory for special dial artwork and ranges.

✓ ORDERING INFORMATION

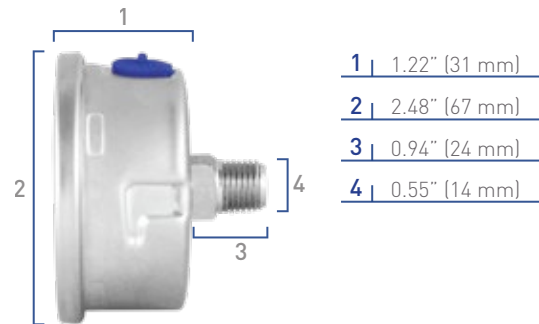
SERIES	<b>500</b>			
SIZE	<b>63</b> 2 1/2"	<b>100</b> 4"		
CONNECTION TYPE	<b>500</b> Bottom connection	<b>510</b> Back connection		
PRESSURE RANGES	<b>30VAC-300</b> -30 in Hg vacuum to 300 psi	<b>60</b> 0 to 60 psi	<b>400</b> 0 to 400 psi	<b>3000</b> 0 to 3000 psi
	<b>30VAC-160</b> -30 in Hg vacuum to 160 psi	<b>100</b> 0 to 100 psi	<b>600</b> 0 to 600 psi	<b>5000</b> 0 to 5000 psi
	<b>30VAC-60</b> -30 in Hg vacuum to 60 psi	<b>160</b> 0 to 160 psi	<b>1000</b> 0 to 1000 psi	<b>10000</b> 0 to 10000 psi
	<b>30VAC</b> -30 in Hg vacuum to 0	<b>200</b> 0 to 200 psi	<b>1500</b> 0 to 1500 psi	
	<b>30</b> 0 to 30 psi	<b>300</b> 0 to 300 psi	<b>2000</b> 0 to 2000 psi	
SCALE OPTIONS	<b>psi</b> psi - kPa	Other scales available on request		
OPTIONS	<b>SPMC</b> 304SS panel mount clamp	<b>MIP</b> Maximum indicating pointer		
	<b>SGL</b> Safety glass lens	<b>SFF</b> 304SS Front flange		
EXAMPLE	<ul style="list-style-type: none"> <li>• Select dial size ..... 63</li> <li>• Select case and connection location ..... 510</li> <li>• Select pressure range and scale option ..... 100 psi</li> <li>• Select any required accessory or option ..... SGL</li> </ul> <p style="text-align: right; margin-right: 50px;">} <b>63-510-100-SGL</b></p>			

✂ OUTLINE DIMENSIONS

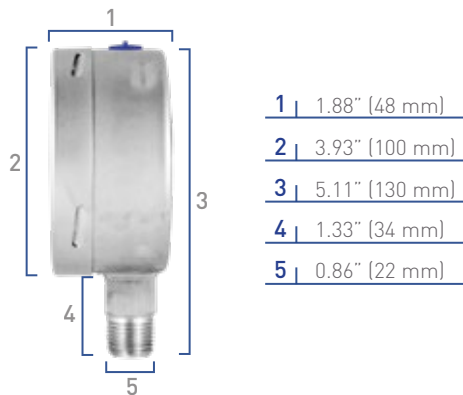
**63-500**



**63-510**



**100-500**



**100-510**

