



## Description & Features:

- Most economical pressure gauge used for panels
- 1.5" (40mm) to 2.5" (63mm) dial sizes
- Black steel case
- Brass wetted parts
- Stainless steel crimp-on bezel
- Stud-style U-Clamp design for secure panel mounting
- $\pm 3-2-3\%$  accuracy
- Dual scale (psi/kPa)
- ASME B40.100 compliant
- CRN registered
- 5 year warranty

## Applications:

- For measuring gases, air, water and oils when equipment or processes require an economical panel mounted gauge
- Suitable for non-clogging, non-corrosive media

## Specifications

|                                    |                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dial</b>                        | 1.5" (40mm), 2" (50mm), 2.5" (63mm) white aluminum with black and red markings                                                                                                                                                                                                                                                                                       |
| <b>Case</b>                        | Steel, painted black                                                                                                                                                                                                                                                                                                                                                 |
| <b>Lens</b>                        | Acrylic                                                                                                                                                                                                                                                                                                                                                              |
| <b>Ring</b>                        | SS                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Socket</b>                      | Brass                                                                                                                                                                                                                                                                                                                                                                |
| <b>Connection</b>                  | 1/8" NPT or 1/4" NPT standard                                                                                                                                                                                                                                                                                                                                        |
| <b>Bourdon Tube</b>                | Phosphor bronze                                                                                                                                                                                                                                                                                                                                                      |
| <b>Movement</b>                    | Brass                                                                                                                                                                                                                                                                                                                                                                |
| <b>Pointer</b>                     | Aluminum, black                                                                                                                                                                                                                                                                                                                                                      |
| <b>Welding</b>                     | Silver alloy                                                                                                                                                                                                                                                                                                                                                         |
| <b>Over-pressure Limit</b>         | 25% of full scale value                                                                                                                                                                                                                                                                                                                                              |
| <b>Working Pressure</b>            | Maximum 75% of full scale value                                                                                                                                                                                                                                                                                                                                      |
| <b>Ambient/Process Temperature</b> | -40°F to 150°F (-40°C to 65°C)                                                                                                                                                                                                                                                                                                                                       |
| <b>Accuracy</b>                    | $\pm 3-2-3\%$ ANSI/ASME Grade B                                                                                                                                                                                                                                                                                                                                      |
| <b>Enclosure Rating</b>            | IP52                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Warning</b>                     |  <b>WARNING:</b> This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> . |

## Order Codes (products in bold are normally stock in North America)

| Dial Size      | 1.5" (40mm)      | 2" (50mm)        | 2" (50mm)        | 2.5" (63mm)      |
|----------------|------------------|------------------|------------------|------------------|
| Connection     | 1/8"             | 1/8"             | 1/4"             | 1/4"             |
| 30" Hg Vac/kPa | <b>PEU1399UC</b> | PEU1396UC        | PEU1428UC        | PEU1431UC        |
| 0/15 psi/kPa   | <b>PEU1398UC</b> | <b>PEU1397UC</b> | PEU1429UC        | PEU1436UC        |
| 0/30 psi/kPa   | <b>PEU1400UC</b> | <b>PEU1402UC</b> | <b>PEU1403UC</b> | PEU1437UC        |
| 0/60 psi/kPa   | <b>PEU1401UC</b> | PEU1404UC        | <b>PEU1405UC</b> | PEU1438UC        |
| 0/100 psi/kPa  | <b>PEU1420UC</b> | <b>PEU1406UC</b> | <b>PEU1407UC</b> | <b>PEU1439UC</b> |
| 0/160 psi/kPa  | <b>PEU1421UC</b> | <b>PEU1408UC</b> | <b>PEU1409UC</b> | <b>PEU1440UC</b> |
| 0/200 psi/kPa  | PEU1422UC        | <b>PEU1412UC</b> | PEU1410UC        | PEU1441UC        |
| 0/300 psi/kPa  | PEU1423UC        | PEU1413UC        | PEU1411UC        | PEU1442UC        |

Other ranges and connection sizes available upon request.

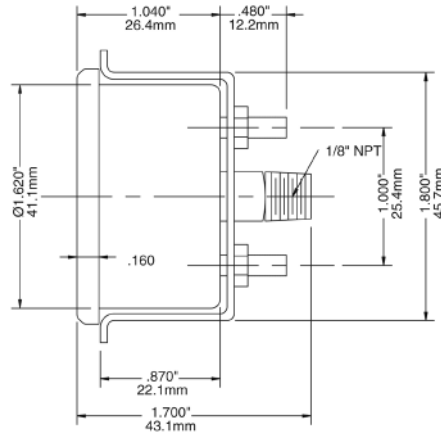
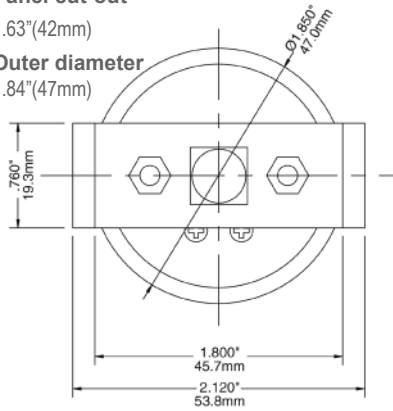
## 1.5" Panel Mounted

### Panel cut-out

1.63"(42mm)

### Outer diameter

1.84"(47mm)



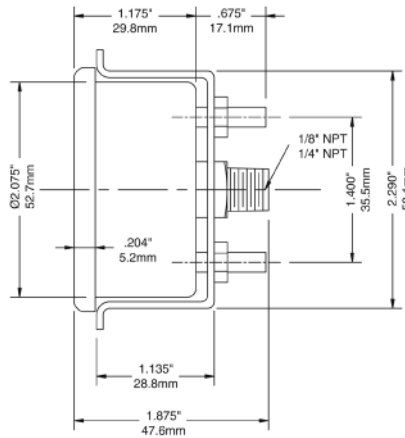
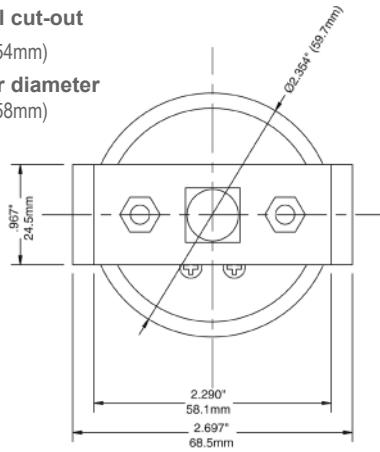
## 2" Panel Mounted

### Panel cut-out

2.12"(54mm)

### Outer diameter

2.29"(58mm)



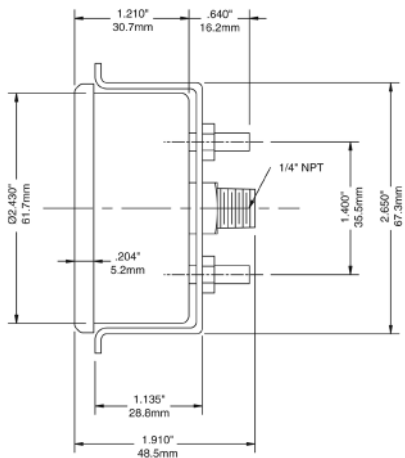
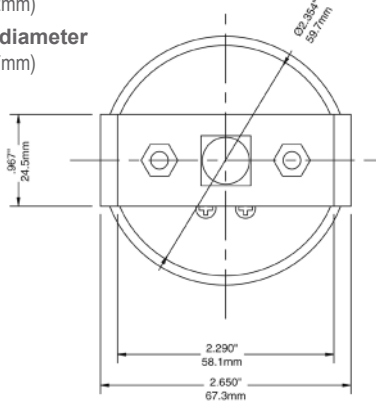
## 2.5" Panel Mounted

### Panel cut-out

2.44"(62mm)

### Outer diameter

2.65"(67mm)



## Engineering Codes

## PEU ENGINEERED PART NUMBER

|                                      |                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIAL SIZE                            | 1.5" (40MM)<br>2.0" (50MM)<br>2.5" (63mm)                                                                                                                                                                                                                                                                                                                                        |
| PRESSURE SCALE & RANGE               | SEE PRESSURE RANGES                                                                                                                                                                                                                                                                                                                                                              |
| CASE MATERIAL                        | BLACK STEEL<br>304SS<br>PLASTIC (ABS)<br>BRASS/BRONZE<br>304SS                                                                                                                                                                                                                                                                                                                   |
| WETTED PARTS                         | 1/8"<br>1/4"                                                                                                                                                                                                                                                                                                                                                                     |
| PROCESS CONNECTION SIZE              | NPT<br>BSPP (G), PARALLEL<br>BSPT (R), TAPERED<br>BSPT (SPIGOT)<br>M14*1.5<br>M20*1.5                                                                                                                                                                                                                                                                                            |
| PROCESS CONNECTION TYPE              | CENTRE BACK                                                                                                                                                                                                                                                                                                                                                                      |
| PROCESS CONNECTION LOCATION          | 3-2-3                                                                                                                                                                                                                                                                                                                                                                            |
| ACCURACY %                           | GLASS LENS<br>SNAP-IN LENS<br>BLACK STEEL POLISHED RING<br>CHROME POLISHED RING<br>BLOW-OUT DISK<br>RESTRICTED ORIFICE<br>EN-837 ON-DIAL<br>ASME B40.100 ON-DIAL<br>NO OIL (HYDROCARBON FREE), ON DIAL<br>PROTECTIVE RUBBER BOOT<br>CUSTOM DIAL, SIMPLE<br>CUSTOM DIAL, COMPLEX<br>RED SET POINTER<br>ROSH COMPLIANT<br>LEAD FREE, NSF 61/372 COMPLIANT<br>STABILIZR®<br>SPECIAL |
| OPTIONS, LIST IN ALPHA-NUMERIC ORDER |                                                                                                                                                                                                                                                                                                                                                                                  |

