Capsule Pressure Gauges
Black-Painted Steel Case
Copper Alloy Wetted Parts
Low Pressure Series • Type 611.10

Pressure Gauges

Application
Fluid medium, gaseous or dry, which does not clog connection port or corrode copper alloy.
Example: low pressure pneumatic systems.

Sizes
2½" (63 mm)

Accuracy
± 1.5% of span (± 2.5% for 10" H2O range)

Ranges (All ranges not stocked)
2½": 10 "H2O to 240 "H2O (25 to 600 mbar)
or other equivalent units of pressure or vacuum

Working Range
Steady: Full scale value
Fluctuating: 0.9 x full scale value

Operating Temperature
Ambient: -4°F to 140°F (-20°C to 60°C)
Media: max. 140°F (+60°C)

Temperature Error
Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.4% for every 18°F (10°C)
rising or falling. Percentage of span.

Standard Features

Connection
Material: copper alloy
Lower mount (LM)
Center back mount (CBM)
1/8" NPT or 1/4" NPT

Capsule Element
Material: copper alloy

Movement
Copper alloy, nickel-silver pinion gear and shaft. Zero adjustment screw on dial

Dial
White aluminum with black lettering

Pointer
Black aluminum (zero adjust on dial - remove window to access)

Case
Black steel

Weather Protection
Dust resistant (NEMA 2 / IP 32)

Standard Scales
in. H2O/mm H2O
oz.-sq. in./mm H2O
oz.-sq. in./in. H2O
PSI

Window
Snap-in acrylic window

Order Options (min. order may apply)
Front or rear flange
Brass threaded restrictor
U-Clamp steel zinc plated with stainless steel polished profile ring
Stainless steel case and ring
Safety glass and instrument glass window
Overpressure and underpressure protection
Cleaned for oxygen service
Medical specification
Special connections limited to wrench flat area
Nickel plated connection
Special case colors
Externally adjustable red mark pointer (set pointer)
Externally adjustable red drag pointer (max. hand)
Custom dial layout
DIN standards
Other pressure scales available

APM611.10
(APM 06.01)
Dimensions:

<table>
<thead>
<tr>
<th>A* NOMINAL SIZE</th>
<th>TYPE</th>
<th>WEIGHT</th>
<th>KEY</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>C1</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>J</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>S</th>
<th>T</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>611.10 2½&quot;</td>
<td></td>
<td>0.45 lbs.</td>
<td>in</td>
<td>2.5</td>
<td>2.05</td>
<td>1.58</td>
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<td>2.19</td>
<td>0.14</td>
<td>0.08</td>
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<td>0.08</td>
<td>1/4&quot;</td>
<td>0.55</td>
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Recommended panel cut-out: D + 1mm