Differential Pressure Gauges
Copper Alloy Wetted Parts
Aluminum Case
Bourdon Tube Series • Type 712.25DP

Application
Measurement of pressure differential of 2 applied pressures. Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.

Sizes
4½” & 6”

Accuracy
± 2/1/2% of span
(ASME B40.1 Grade A)

Ranges (All ranges not stocked)
Differential pressure from 0/20 PSID to 0/1000 PSID

Static Pressure Rating
1.3 x full scale pressure

Working Range
Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short time: 1.3 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.

Weather Protection
Dust resistant (NEMA 2 / IP 33)

Standard Features

Connection
Material: copper alloy
Lower mount (LM) only
2 x 1/4“ NPT
Each side marked with + or −

Bourdon Tube
Material: copper alloy
2 x C-type

Movement
Copper alloy, dual-subtracting

Dial
White aluminum with black lettering. Stop pin at 6 o’clock

Pointer
Material: aluminum
1 black pointer

Case
Black cast aluminum with built-in rear flange

Window
Flat glass

Threaded Ring
Black aluminum

Order Options (min. order may apply)
Duplex pressure gauge (Type 712.25DX)
Brass restrictor
Custom dial layout
Other pressure scales available:
Bar, KPa, Kg/cm² and dual scales

APM 712.25DP
(APM 07.25.1)
Dimensions:

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<th>TYPE</th>
<th>WEIGHT</th>
<th>KEY</th>
<th>A</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>M</th>
<th>N</th>
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<td>3 lbs.</td>
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<td>4.93</td>
<td>4.19</td>
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THE MEASURE OF
Total Performance™

Ordering Information:
State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice.