Differential Pressure Gauge Sealed Case

APPLICATIONS
For use on Clean Dry Air or Gas only. Capsule differential pressure gauges are designed for measuring small differential pressures. This gauge has two inlet ports, one port connected to the capsule and the other open to the inside of the sealed case. In effect, such a gauge performs the mathematical operation of subtraction through mechanical means. (Can be used for Glove Box applications)

STANDARD SPECIFICATION

Sizes
100 and 150mm

Case/Bezel
AISI 316 Stainless Steel, Stainless Steel Bezel (Bayonet type)
Weatherproof Construction (IP 66)

Socket & Element
316 Stainless Steel
316 Stainless Steel Capsule

Movement
Nickel Plated Brass

Dial
White Anodised Aluminium (Black Printing)

Pointer
Black Aluminium

Window
Perspex

Traceability
All instruments are individually calibrated and have an unique Serial Number. Calibration Certificates are issued for each gauge

Certification available on request
- Certificate of Conformity Traceable to National Standards
- Group Certification (Pressure Test Certification Statement)

Safety
All units are manufactured to comply with EN 837-1,

Installation instructions
Refer to EN 837-2 and our Guidance On Use of Equipment data sheet.

Accuracy class
2% Accuracy

Scale Range
(Can be + or - values)
Delta P range:
Min 10 mbar
Max 400 mbar

Static pressure
Max Atmospheric

Pressure Connection Thread
1/8", ¼", 3/8", 1/2" NPT, BSP, BSPT

Note:
Capsule type DP Gauges are recommended for, non-corrosive, Clean Dry Air or Gas only.

Ordering Parameters, Please state the following: SIZE, MODEL NO, SCALE RANGE, CONNECTION, PRESSURE MEDIUM & OPTIONAL EXTRAS

Specifications and dimensions in this leaflet, are subject to change without prior notice.
MODELS-DPSC
Differential Pressure Gauge Sealed Case

MODEL DPSC/PCS
SURFACE MOUNTED

MODEL DPSC/PCD
DIRECT MOUNTED (STANDARD)

General Arrangement Dimensions in mm, tol ± 1mm

<table>
<thead>
<tr>
<th>Dial Ø</th>
<th>Dim</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>Panel cut-out</th>
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<tbody>
<tr>
<td>4&quot; (100mm)</td>
<td></td>
<td>55</td>
<td>121</td>
<td>19</td>
<td>54</td>
<td>98</td>
<td>17</td>
<td>132.5</td>
<td>70</td>
<td>54</td>
<td>6</td>
<td>118</td>
<td>105</td>
</tr>
<tr>
<td>6&quot; (150mm)</td>
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<td>58</td>
<td>184</td>
<td>20</td>
<td>55</td>
<td>158.5</td>
<td>17</td>
<td>195.5</td>
<td>103</td>
<td>54</td>
<td>6</td>
<td>178</td>
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