Applications

- Ideal for use with air and other non-combustible gases
- Monitoring of air filters, fans, industrial cold air circuits, air flow in ventilation ducts and the control of air and fire shutters
- Overpressure monitoring in cleanrooms and laboratories

Special Features

- Compact size
- Easy installation and mounting
- Robust housing and functional design
- Standard accessories included
- Very reliable, > 1 mio. switching cycles

Description

Version
In accordance with the European low-voltage directive 73/23/EEC

Reference table below for Dead Band, Switching Increments and Measuring Ranges

Maximum pressure
200 InWC

<table>
<thead>
<tr>
<th>Set Point Range InWC (Pa)</th>
<th>Switching Increments InWC (Pa)</th>
<th>Approx. Dead Band at min. Set Point InWC (Pa)</th>
<th>Approx. Dead Band at max. Set Point InWC (Pa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.08 to 0.80 (20...200)</td>
<td>0.04 (10)</td>
<td>± 0.02 (5)</td>
<td>± 0.08 (20)</td>
</tr>
<tr>
<td>0.12 to 1.20 (30...300)</td>
<td>0.08 (20)</td>
<td>± 0.02 (5)</td>
<td>± 0.12 (30)</td>
</tr>
<tr>
<td>0.12 to 2.00 (30...500)</td>
<td>0.08 (20)</td>
<td>± 0.02 (5)</td>
<td>± 0.12 (30)</td>
</tr>
<tr>
<td>0.16 to 2.40 (40...600)</td>
<td>0.12 (30)</td>
<td>± 0.02 (5)</td>
<td>± 0.12 (30)</td>
</tr>
<tr>
<td>0.40 to 6.00 (100...1500)</td>
<td>0.30 (80)</td>
<td>± 0.04 (10)</td>
<td>± 0.20 (50)</td>
</tr>
<tr>
<td>2.00 to 18.0 (500...4500)</td>
<td>0.70 (180)</td>
<td>± 0.20 (50)</td>
<td>± 0.80 (200)</td>
</tr>
</tbody>
</table>

Operating temperature
Ambient: -40 °F...+185 °F
Medium: -20 °F...+160 °F

Ingress protection
NEMA 3 (IP 54 per EN 60 529 / IEC 529)

Weight
5.2 ounces
Standard features

Process connection
Connecting nozzle (ABS)

Membrane
Silicone

Case
Plastic (ABS)

Window Cover
Polycarbonate

Gaskets
Plastic

Standard accessories
2 mounting screws
2 plastic duct connectors
2 m PVC hose, inner diameter 4 mm

Electrical connection

Screw terminals
PG-gland M16

Switch Type
One (1) SPDT (single pole double throw)

Contact rating

<table>
<thead>
<tr>
<th>Measuring ranges</th>
<th>Contact rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>With resistive load</td>
</tr>
<tr>
<td>0.08 lnWC to 0.8 lnWC</td>
<td>0.1 A / AC 250 V</td>
</tr>
<tr>
<td>0.12 lnWC to 1.2 lnWC</td>
<td>3 A / AC 250 V</td>
</tr>
<tr>
<td>0.12 lnWC to 2.0 lnWC</td>
<td>3 A / AC 250 V</td>
</tr>
<tr>
<td>0.16 lnWC to 1.6 lnWC</td>
<td>3 A / AC 250 V</td>
</tr>
<tr>
<td>0.4 lnWC to 6.0 lnWC</td>
<td>3 A / AC 250 V</td>
</tr>
<tr>
<td>2.0 lnWC to 18.0 lnWC</td>
<td>5 A / AC 250 V</td>
</tr>
</tbody>
</table>

Dimensions in inches

Modifications may take place and materials specified may be replaced by others without prior notice.
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.

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