EM1 series
Pressure gauge isolator
Technical data

Designation & Ordering code

**COMPLET PRESSURE-GAUGE ISOLATOR**

<table>
<thead>
<tr>
<th>Series</th>
<th>Configuration example:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM1</td>
<td>EM1 A G2 A P01</td>
</tr>
</tbody>
</table>

**Version**
- A Threaded connections, panel mount with hex nut
- B Threaded connections, panel mount with screws
- C Manifold/threaded connections, panel mount with screws

**Connection**
- G1 G 1/4"
- G2 1/4” NPT
- G3 SAE 5 - 1/2” - 20 UNF

**Seals**
- A NBR
- V FPM

**Execution**
- P01 MP Filtri standard
- Pxx Customized

**Materials A-B**
- Body: Cast iron
- Pin: Steel
- Seals: NBR, FPM
- Knob/cover: Polyamide
- Stop ring: Steel
- Spring: Steel
- Nameplate: Aluminium
- Nut-screw: Galvanized steel

**Materials C**
- Body: Cast iron
- Pin: Steel
- Seals: NBR, FPM
- Knob/cover: Polyamide
- Stop ring: Steel
- Spring: Steel
- Nameplate: Aluminium
- Nut-screw: Galvanized steel
- Plug: Anodized steel

**Operating pressure**
400 bar

**Operating temperature**
From -25 °C to + 100 °C

**Weight**
- EM1 version A 0.41 kg
- EM1 version B 0.44 kg
- EM1 version C 1.00 kg

**Accessories**

Pressure gauge isolator

Gauge isolator valves are designed to protect pressure gauges from pressure shocks when the pressure reading is not required; after each reading setting the selector to the closed position serves to depressurise the pressure gauge by means of the T fitting connected to the reservoir.

**Working instructions:**
- Button not pressed: pressure gauge isolated
- Button pressed: pressure gauge reading
- Button pressed and turned (either to left or right): button remains in position and pressure gauge measures pressure continuously.
- To isolate the pressure gauge from pressure reading, turn the button until it returns to the not pressed position.

Gauge isolator valves are designed to protect pressure gauges from pressure shocks when the pressure reading is not required; after each reading setting the selector to the closed position serves to depressurise the pressure gauge by means of the T fitting connected to the reservoir.
EM1

Dimensions

Holes on the panel

Ø 5.5 - Nr. 4 holes

EM1
version C

max 3

Ø 5.5 - Nr. 4 holes

Accessories

126