Related Equipment: Differential Pressure Gauge

Series GD40-2-01

The pressure differential at the inlet and the outlet of compressed air equipment can be viewed at a glance on the differential pressure gauge. It is ideal for the maintenance control of filters.

Compact and lightweight. Can be installed easily by merely providing a bypass circuit. Provided with a protective cover to prevent hazards.

Piping Example

**Caution**
1. This product cannot be used in a location where pulsations could occur frequently.

**Design**

**Mounting**

1. Mounting
   1) The HIGH and LOW marks on the back of the differential pressure gauge indicate the high pressure and low pressure sides respectively. Connect the HIGH side to the inlet side of the filter or other devices and the LOW side to their outlet side. Do not use a stop valve to prevent damage to the differential pressure gauge if the valve is inadvertently left open or closed.
   2) Install the differential pressure gauge vertically.
   3) The piping of the differential pressure gauge must be connected securely because it will break if it becomes detached.

**Specific Product Precautions**

Be sure to read before handling. Refer to front matters 42 and 43 for Safety Instructions and pages 6 to 8 for Air Preparation Equipment Precautions.

**Fluid**
- Compressed air

**Max. operating pressure**
- 1 MPa

**Proof pressure**
- 1.5 MPa

**Ambient and fluid temperature**
- 5 to 60°C

**Scale range**
- 0 to 0.2 MPa

**Accuracy**
- ±0.006 MPa

**Dial size**
- ø40

**Mass (g)**
- 300

**Main Parts Material**
- Case: Zinc die-casted
- Internal part: Brass, Phosphor bronze
- Window: Polyester
- Scale plate: Stainless steel

**Accessory**
- Nylon tube: T0425 (0.5 m)
- Male connector: H04-07 (1 pc.)
- Male elbow: DL04-01 (1 pc.)

**Model/Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>GD40-2-01</th>
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<tbody>
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**Dimensions**

<table>
<thead>
<tr>
<th>Thread for mounting bracket</th>
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<tbody>
<tr>
<td>Low pressure side</td>
</tr>
<tr>
<td>High pressure side</td>
</tr>
<tr>
<td>3 – M4 x 0.7</td>
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</tbody>
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**Thread depth 7**

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