Air/Gas Differential Pressure Transmitters

HT-DDPT Series

- High accuracy & reliability
- Ranges 1mbar to 50mbard
- Line pressure up to 250 mbar
- Outputs 4-20mA & voltage
- Optional 4 digit LCD display
- Compact and rugged design

The DDPT series comprises a wall/surface mounting enclosure with integral measurement sensors for monitoring air and non-aggressive gases, found in applications such as general pneumatics, environmental control and HVAC systems. Analogue or digital outputs are available, also LCD option for local display.

Discover more at www.hydrotechnik.co.uk
**Air/Gas Differential Pressure Transmitters**

**HT-DDPT Series**

**TECHNICAL SPECIFICATIONS**

**Standard pressure ranges & signal outputs**

Pressure Media: for use with air & non-aggressive gases only

<table>
<thead>
<tr>
<th>Measuring range (mbar)</th>
<th>1</th>
<th>2.5</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line pressure (mbar)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>Measuring range (mbar)</td>
<td>10</td>
<td>25</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Line pressure (mbar)</td>
<td>100</td>
<td>250</td>
<td>250</td>
<td>250</td>
</tr>
</tbody>
</table>

*Gauge ranges shown - vacuum and absolute ranges available on request

<table>
<thead>
<tr>
<th>Electrical</th>
<th>2 wire</th>
<th>3 wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output signal</td>
<td>4-20mA</td>
<td>0-10Vdc</td>
</tr>
<tr>
<td>Supply voltage</td>
<td>14-30Vdc</td>
<td>14-30Vdc</td>
</tr>
<tr>
<td>Display/readout (optional)</td>
<td>4 digit (9999 max) LCD</td>
<td></td>
</tr>
</tbody>
</table>

**Options**

(1) 4 digit (9999) LCD display/readout

For further options or customised products please contact us.

**Related products**

Hydrotechnik manufactures a wide range of sensors, test and measurement equipment.

Contact us for further information or visit www.hydrotechnik.co.uk

Continuing development can necessitate specification changes without notice

**Physical**

- Media temperature range: 0°C to +50°C
- Compensated temperature range: 0°C to +50°C
- Ambient temperature range: 0°C to +50°C

**Performance**

- Accuracy: Combined non linearity, hysteresis, repeatability <1.0% FS at room temperature
- Total Error Band: Maximum 2.5% FS from room temperature to 0°C or +50°C

**Dimensions**

**Electrical Connections**

Integral 1 metre cable

**ORDERING INFORMATION**

1. Pressure range: e.g. 50 mbar differential
2. Electrical output: e.g. 2 wire 4-20 mA
3. Options required: e.g. LCD display/readout
4. Line pressure: e.g. 250 mbar