**Dwyer® Series WDPM**

**Differential Pressure Modules**

Wireless, Measures Differential Pressure, Velocity, & Flow

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**SPECIFICATIONS**

- **Service:** Non-corrosive dry gases.
- **Wetted Materials:** Consult factory.
- **Accuracy:** ±0.5% FS span @ 25°C (includes non linearity, hysteresis, and non repeatability).
- **Pressure Limits:** See Table 1.
- **Engineering Units:**
  - Pressure: in w.c., ft w.c., in Hg, psi, OzSl, mm w.c., cm w.c., mBar, Pa, hPa, and kPa;
  - Velocity: fpm, mph, kn, m/s, m/h, k/h, and fps;
  - Flow: cfm, gpm, gph, gpd, m3/s, m3/h, lps, lpm, and lph.
- **Temperature Limits:**
  - Compensated: 32 to 140°F (0 to 60°C);
  - Process/Ambient: 14 to 140°F (-10 to 60°C).
- **Thermal Effects:** ±0.01% FS/°F (±0.02% FS/°C).
- **Battery Charging Limits:** 32 to 113°F (0 to 45°C).
- **Power Requirements:** 3.7 V YT562447 lithium ion battery, installed functionally, user replaceable.
- **Wireless Distance:** At least 50’ (15 m).
- **Connections:** Two barbed connections for use with 1/8˝ (3.18 mm) or 3/16˝ (4.76 mm) ID tubing.
- **Weight:** 2.5 oz (70.87 g).
- **Agency Approvals:** CE with CE approved charger, RoHS, FCC.

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**Table 1: Range and Maximum Pressure**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Maximum Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDPM-002</td>
<td>±2 in w.c.</td>
<td>10 psi</td>
</tr>
<tr>
<td>WDPM-005</td>
<td>±5 in w.c.</td>
<td>10 psi</td>
</tr>
<tr>
<td>WDPM-010</td>
<td>±10 in w.c.</td>
<td>10 psi</td>
</tr>
<tr>
<td>WDPM-020</td>
<td>±20 in w.c.</td>
<td>20 psi</td>
</tr>
<tr>
<td>WDPM-030</td>
<td>±30 in w.c.</td>
<td>20 psi</td>
</tr>
<tr>
<td>WDPM-100</td>
<td>±100 in w.c.</td>
<td>15 psi</td>
</tr>
<tr>
<td>WDPM-200</td>
<td>±200 in w.c.</td>
<td>45 psi</td>
</tr>
<tr>
<td>WDPM-400</td>
<td>±400 in w.c.</td>
<td>45 psi</td>
</tr>
</tbody>
</table>

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**ACCESSORIES**

- **UHH-STRAP,** UHH hand strap
- **UHH-ICHRG,** UHH dual USB charger with international adapters (1.0 A) (Not CE approved)
- **UHH-CBL,** USB cable
- **UHH-C1,** Soft carrying case
- **UHH-SG,** 2 GB SD card
- **KP-CC-304,** Dual USB CHARGER with North American adapter (1.5 A)
- **UHH-C2,** Heavy duty hard case with pre-cut foam inserts for additional sensors