Dwyer® Series WDPM

Differential Pressure Modules
Wireless, Measures Differential Pressure, Velocity, & Flow

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, OzSl, cm w.c., cm Hg, 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.

<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-350</td>
<td>±350 in w.c.</td>
<td>45 psi</td>
</tr>
</tbody>
</table>

Universal Handheld Accessories

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-SD, 2 GB SD card
KF-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