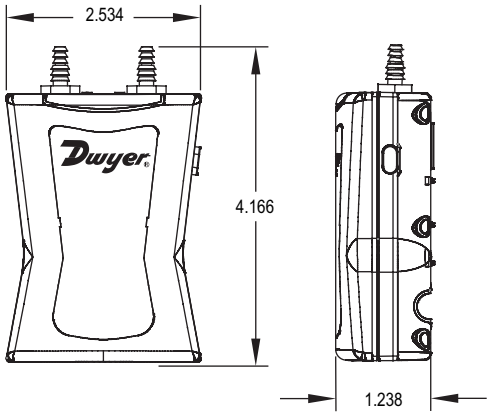
Dwyer

SERIES DP3

DIFFERENTIAL PRESSURE MODULE

Wireless, Measures Differential Pressure, Air Velocity, and Flow



The **Series DP3 Wireless Differential Pressure Module** is a compact, highly accurate, auto-ranging differential pressure module ideal for low flow applications. The Series DP3 is used in conjunction with the Dwyer Mobile Meter® application software to view pressure drop across filters, static pressure in ducts, and velocity pressures from pitot tubes or air flow stations.

FEATURES/BENEFITS

- Auto ranging technology maintains optimal performance down to 0.1″ H_20
- LED indicator displays module status, connection, charging and logging to the user
- Over-the-air updates ensure the module has the latest firmware
- Unit can be mounted on both the pitot and velocity grid
- Rechargeable battery allows for a 10 hour battery life
- One button design allows for easy operation and simple logging
- Rugged case allows for a 10´ drop without compromising functionality
- Automatically corrects pressure reading depending on the inclination of the module

APPLICATIONS

- Building commissioning
- Building HVAC test and balance
- Critical environment testing
- Industrial process verification
- Instrumentation validation

MODEL CHART		
Model	**Range**	**Maximum Pressure**
DP3	±10 in w.c. (±2.5 kPa)	10 psi (68.9 kPa)

OPTIONS	
Model	**Description**
-NIST	NIST traceable calibration certificate

SPECIFICATIONS

Service: Non-corrosive dry gases.
Wetted Materials: Zinc plated brass; Silicon.
Accuracy: ±0.5% FS span @ 25°C (includes non linearity, hysteresis, and non repeatability).
Pressure Limits: ±10 in w.c. (±2.5 kPa).
Temperature Limits: Operating: -4 to 140°F (-20 to 60°C); Storage: -40 to 185°F (-40 to 85°C).
Power Requirements: 3.7 V lithium ion battery, user rechargeable.
Wireless Distance: 50´ (15 m).
Weight: 3.3 oz (93.55 g).
Electrical Connections: Female mini-USB.
Hose Connections: Two barbed connections for use with 1/8″ (3.18 mm) or 3/16″ (4.76 mm) ID tubing.
Approvals: CE, FCC.

USA: California Proposition 65
⚠WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov