

TECHNICAL DATA SHEET



Series DM – 2000 Differential Pressure Transmitter

DESCRIPTION

Dwyer Differential Pressure Transmitter suitable for measuring the pressure of air and of other compatible gases. Designed to fit the same diameter cut out as the standard magnehelic gage. Easy to read LCD display, quick response and easy calibration checks. Sends a standard 4-20 mA output signal.



TECHNICAL SPECIFICATION

Material	Glass and Plastic
Display	3.5 digit LCD, 0.7" height
Weight	4.8 oz (136g)

PRODUCT APPLICATIONS

- Filter monitoring
- Fan pressure indication
- Static pressures in ducts or buildings
- Bi-direction ranges ideal for sensing fluctuating building pressure

FEATURES

- Filter Monitoring
- Tamper-proof button configuration
- Single push button
- Easy read LCD display
- Quick response
- Easy calibration checks

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SPECIFICATIONS

Service	Air and non-combustible, compatible gasses
Wetted Materials	Consult factory
Accuracy	$\pm 1\%$ FS at 70°F
Stability	+1% FS / yr
Temperature Limits	20 to 120°F (-6.67 to 48.9°C)
Pressure Limits	10 psig (0.69 bar)
Thermal Effect	$\pm 0.055\%$ F.S. / °F (0.099% F.S. / °C)
Power Requirements	10 to 35 VDC (2wire)
Output Signa	4 to 20 mA
Zero and Span Adjustments	Digital push-button zero and span
Loop Resistance	DC: 0 to 1250 Ω maximum
Current Consumption	DC: 38 mA maximum
Electrical Connections	Screw-type terminal block
Display	3.5 digit LCD, 0.7" height
Process Connections	1/8" I.D. tubing
Mounting Orientation	Vertical
Weight	4.8 oz (136g)