The Series DM-1000 DigiMag® Digital Differential Pressure and Flow Gage monitors the pressure of air and compatible gases just as its famous analog predecessor the Magnehelic® differential pressure gage. All models are factory calibrated to specific ranges. The 4-digit LCD can display readings in common English and metric units so conversions are not necessary. The simplified four button operation reduces set up time and simplifies calibration with its digital push-button zero and span.

**APPLICATIONS**
- Differential pressure across filters
- Fan control
- Static pressures in ducts or buildings
- Room pressurization monitoring

**OPTIONS**
- To order add suffix to Model Description
- NIST: NIST traceable calibration certificate
- Example: DM-1103-NIST

**SPECIFICATIONS**
- Service: Air and non-combustible, compatible gases.
- Wetted Materials: Glass filled plastic.
- Accuracy: ±1% FS including linearity, hysteresis and repeatability; ±2% FS for ranges 1 in w.c. and below.
- Temperature Limits: 0 to 140°F (-18 to 60°C).
- Compensated Temperature Limits: 32 to 122°F (0 to 50°C).
- Long Term Stability: ±1% FS per year.
- Thermal Effect: ±0.05°F/°F typ; ±0.10% FS/°F for ranges 1 in w.c. and below.
- Display: 4-digit LCD (digits: 0.60H x 0.33W).
- Display Update: Selectable for 1 s to 10 minutes or update only from button push.
- Pressure Limits: Normal and bi-directional ranges 5 in w.c. and lower = 2 psi (13.7 kPa); Normal and bi-directional ranges 10 in w.c. and higher = 11 psi (75 KPa).
- Selectable Engineering Units: in w.c., psi, kPa, Pa, mm w.c., mBar, in Hg, mm Hg, FS (0-100%).
- Power Requirements: 9 V alkaline battery, included, user replaceable or external power supply 9-24 VDC.
- Battery Service Life: Battery life depending on the display update setting: 150 hours (typical) if display update = 1 s; 9 month (typical) if display update = 10 minutes; 1.5 years (typical) if display update is disabled. Battery may last up to four times longer when using lithium-based battery ULTRALIFE U9VL-J.
- Current Consumption: 5 mA max.
- Electrical Connections: Removable terminal block for 16 to 26 AWG.
- Electrical Entry: Cable gland for 0.114 to 0.250˝ (2.9 to 6.4 mm) diameter cable.
- Process Connections: 1/8˝ (3 mm) ID tubing.
- Size: 5˝ (127 mm) OD front face.
- Weight: 1.18 lb (535 g).
- Compliance: CE.

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