SERIES HM35

PRECISION DIGITAL PRESSURE MANOMETER
Up to 0.05% Accuracy, Graphical Display, Data Logging Capability

CALIBRATION SERVICES AVAILABLE

The Series HM35 Precision Digital Pressure Manometer is designed to reliably measure and log absolute pressure, differential pressure, or gage pressure with up to 0.05% accuracy. The data logging function can store up to 10,743 readings and transmit the readings to a PC through an IR serial port. The large display can graphically display trends in the data as well as peaks and valleys.

FEATURES/BENEFITS
- Able to record up to 10,742 readings, which can be downloaded to a PC
- Up to 0.05% accuracy for use in critical applications
- Measure absolute, differential, or gage pressure

APPLICATIONS
- Calibration facilities
- Laboratories

FEATURES/BENEFITS
- Graphical back lit LCD
- IR, or buzzer
- Graphical back lit display
- RS-232 serial interface
- Communication software key
- 1/8˝ NPT adapter (1 piece)
- Communication software
- 1/8˝ NPT adapter (1 piece)
- Universal power adapter

SPECIFICATIONS
- Service: Air and compatible gases
- Wetted Materials: 18/8 stainless steel
- Accuracy: (Includes linearity, hysteresis, and repeatability): Depending on model, ±0.20% FS ±1 digit; ±0.10% FS ±1 digit; ±0.05% FS ±1 digit.
- Temperature Limits: 32 to 122°F (0 to 50°C)
- Storage Temperature: -4 to 140°F (-20 to 60°C)
- Humidity: Maximum 95% RH non-condensing

OPTIONS
- Use order code: Description
- Price

ACCESSORIES
- 1/8˝ NPT adapter (1 piece)
- Communication software key
- Infrared RS-232 serial interface

SERIES HM28

PRECISION HANDHELD DIGITAL MANOMETER
High Accuracy (0.2%, 0.1% or 0.05%), Differential, Gage or Absolute

CALIBRATION SERVICES AVAILABLE

The Series HM28 Precision Handheld Digital Manometer is designed to measure a wide range of pressures with up to 0.05% accuracy. The data logging function can store up to 964 readings and transmit the readings to a PC through an IR serial port. The dual line LCD is able to display a resolution to 0.001 of the selected unit and store up to 964 readings and transmit the readings to a PC through an IR serial port.

FEATURES/BENEFITS
- Able to record up to 10,742 readings, which can be downloaded to a PC
- Up to 0.05% accuracy

APPLICATIONS
- Calibration facilities
- Laboratories

FEATURES/BENEFITS
- User replaceable. Can operate on 6 to 9 VDC external power.
- Memory: 10,742 readings. Recording intervals adjustable from 1 s to 24 hrs or manual.
- Case Protection: IP54 (NEMA 3)
- Weight: 10.5 oz (300 g).
- Process Connections: Hose 4/6 mm or 1/8˝ NPT.
- RS-232 Baud Rate: Adjustable, 1200, 2400, 4800, or 9600 baud.

SPECIFICATIONS
- Service: Air and compatible gases
- Wetted Materials: 18/8 stainless steel
- Temperature Limits: 32 to 122°F (-20 to 60°C)
- Humidity: Maximum 95% RH non-condensing
- Display: 2 line, 16 character, dot matrix LCD, with switchable display sizes.
- Power Requirements: 5 V alkaline battery, installed functional, user replaceable. Can operate from external power supply of 7-14 VDC.
- Current Consumption: < 9 mA.
- Memory: 964 measured values. Recording intervals adjustable from manual, 1, 5, 10, 20, 30 s, 1, 2, 3, 5, 10, 20, 30, 60 minutes.
- Case Protection: IP54 (NEMA 3)
- Case Dimensions: 6” x 3.27” x 1.34” (152 x 83 x 34 mm).
- Weight: 9.5 oz (270 g).
- Process Connections: Hose 4/6 mm or 1/8˝ NPT.

Maximum Measurement Rates: Stand alone: 2-1/2 readings/s (0.1% and 0.05% ratings), 5 readings/s (0.2% rating). Output to RS-232: 20 measurements/s (0.2% rating), 10 measurements/s (0.1% and 0.05% ratings).

OPTIONS
- Use order code: Description
- Price

ACCESSORIES
- 1/8˝ NPT adapter (1 piece)
- Communication software and cable
- Universal power adapter

OPTIONS
- Use order code: Description
- Price

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