Dwyer®

DIFFERENTIAL PRESSURE

MODEL 478A

MADE IN THE U.S.A.

ACCURACY ±1.5% FS

RUGGED ALUMINUM METAL HOUSING

ONE-TOUCH™ CALIBRATION TECHNOLOGY

MIN./MAX. READING RECALL

Differential Pressure

MANOMETER

MADE IN THE U.S.A.
SPECIFICATIONS
Service: Air and compatible gases.
Wetted Materials: Consult factory.
Accuracy: ±1.5% full-scale* at 72°F (22.2°C). Includes linearity and repeatability.
Pressure Hysteresis: ±0.1% of FS.
Pressure Limits: 5 psig (.34 bar).
Temperature Limits: 0 to 140°F (-17.8 to 60°C).
Compensated Temperature Limits: 32 to 104°F (0 to 40°C).
Thermal Effect: 0.05% FS/F.
Display: 4 digit LCD (.425˝H x .234˝W digits).
Power Requirements: 9 V alkaline battery, installed non-functional, user replaceable.
Process Connections: Two barbed connections for use with 3/16˝ or 1/4˝ ID tubing.
Weight: 10.8 oz (306 g).
Agency Approvals: CE.

*When subjected to electromagnetic interference, at 837 MHz (10 V/m) accuracy is 5.0% full scale.

OPERATING INSTRUCTIONS
ON/OFF: Press ON/OFF to toggle on and off. Press and hold ON/OFF for about 2 seconds to turn it off. Device will automatically shut off after 20 minutes if not used.

ZERO: Vent both pressure ports to atmosphere. Press ZERO button until the LCD displays “---” then release it.

UNITS: To change units, press both ON/OFF and ZERO buttons simultaneously.

HOLD READING: Press HOLD to hold current reading. Press again to resume measurement.

MIN/MAX: First button press displays MIN value. Second press displays MAX value. Third press returns to normal measurement. Reset MIN and MAX by pressing ON/OFF button when MIN or MAX is displayed.

BATTERY: Remove retaining screws on end cap at base of instrument to replace battery when LOW BAT is displayed. Use 9 V alkaline battery Duracell® MN 1604, Eveready® 522, or equivalent.

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