DIFFERENTIAL PRESSURE

SERIES 475

MADE IN U.S.A.

ACCURACY ±0.5% FS

RUGGED ALUMINUM METAL HOUSING

ONE TOUCH™ CALIBRATION TECHNOLOGY

For use with Natural Gas
SPECIFICATIONS

Service: Air and compatible gases.
Wetted Materials: Consult factory.
Accuracy: ±0.5% FS, 60 to 78°F (15.6 to 25.6°C); 1.5% FS from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).
Pressure Hysteresis: ±0.1% of FS.
Pressure Limits: See chart.
Temperature Limits: 0 to 140°F (-17.8 to 60°C).
Compensated Temperature Limits: 32 to 104°F (0 to 40°C).
Display: 4-digit LCD (.425 H x .234 W digits).
Power Requirements: 9 volt alkaline battery. Battery included but not connected.
Weight: 10.8 oz (306 g).
Process Connections: Two barbed connections for use with 1/8˝ or 3/16˝ I.D. tubing. Two compression fittings for use with 1/8˝ I.D. x 1/4˝ O.D. tubing (for 100 psi or higher pressure ranges).
Agency Approvals: CE, FM approved to CLASS 1, DIV. 2 GROUPS ABCD/T4 Ta = 70°C.

OPERATING INSTRUCTIONS

ON/OFF:
Press ON/OFF to turn the unit on. Press and hold ON/OFF for about 2 seconds to turn it off. Device will automatically shut off after 20 minutes if not in use.

ZERO:
Vent both pressure ports to atmosphere. Press ZERO button until the LCD displays “-----” then release it. The LCD reads 0 if the zero offset is less than 10% of FS.

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

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, Energizer® 522, or Energizer® EN22.

WARNING

Enclosure parts are constructed of plastic. When cleaning the exterior use a damp cloth to avoid electrostatic sparking. Enclosure parts are constructed of aluminum. Enclosure must be protected from mechanical friction and impact with iron/steel to prevent ignition capable sparks.