The Series 636D Differential Pressure Transmitter can be used for measuring pressures of liquids, gases, and vapors. All available ranges have an excellent 0.5% F.S. accuracy with a 4 to 20 mA output standard or optional 1 to 5 VDC output. The NEMA 4 (IP56) housing is an all 316 welded construction that is designed to withstand the harshest environmental conditions. With all 316L wetted materials this transmitter is compatible with most media. These units are CSA approved explosion-proof for use in the specified hazardous locations and meet NACE standards for offshore applications.

**SPECIFICATIONS**

- **Model**: 636D-0 to 636D-8
- **Ranges**: 0-300 psid to 0 to 3 in w.c.
- **Outputs**: 4 to 20 mA DC or 1 to 5 VDC
- **Accuracy**: ±0.5% of reading per 1000 psi; on span: ±0.05 psi/90°
- **Hysteresis & Repeatability**: ±0.25% BFSL, RSS
- **Temperature**: -29 to 93°C.
- **Compensation**: ±1.5% FS oven compensated temperature range.
- **Temperature Effects**: ±0.25% FSO/yr. (includes linearity, hysteresis, and repeatability).
- **Pressure Limits**: 6000 psi (413.7 bar) continuous; 3000 psi (206.8 bar) burst.
- **Temperature Limits**: 100°F (38°C).
- **Stability**: ≤ ±0.25% FSO/yr.
- **Agency Approvals**: E, F, and G; Class III.
- **Agency Approvals**: NACE Certified.
- **Agency Approvals**: CSA approved explosion-proof.
- **Agency Approvals**: CE.
- **Agency Approvals**: NEMA 4X (IP66).
- **Agency Approvals**: Mounting Orientation: Vertical positioning.
- **Agency Approvals**: Weight: 18 oz (510 g).
- **Agency Approvals**: Agency Approvals: CE.

**Output Signal**: 4 to 20 mA DC or 1 to 5 VDC

**Zero and Span Adjustment**: Fixed.

**Response Time**: 20 ms.

**Loop Resistance**: 900 D max @ 30 VDC for current outputs. For voltage outputs, minimum lead resistance 50k ohms.

**Current Consumption**: 4 to 20 mA for current output models; 3 mA for voltage output models.

**Electrical Connections**: 2 fl. 22 AWG cable; 3/4" female NPT conduit.

**Process Connections**: Two 1/2" female NPT.

**Enclosure Rating**: NEMA 4 (IP66).

**Mounting Orientation**: 0.05 psi/90° rotation from horizontal.

**Weight**: 1 lb (0.45 kg).

**Agency Approvals**: CSA approved explosion-proof for Class I, Division 1, Groups B, C, and D; Class II, Groups E, F, and G; Class III.

**Price**: $135.00 (items subject to Schedule B discounts).