**Electronic Pressure Controller**

2 Switches, Indicating Gage, and Transmitter in One Package

**FEATURES/BENEFITS**
- Versatile compact package that can replace a separate gage, two switches, and a transmitter in a system saving money, installation time, and panel space.
- Fully programmable to meet simple or complex application needs.
- Test mode function simulates input over the range without pressuring to easily test switches and transmitter output function.
- Fail-safe relay output choices in case of sensor failure, over pressure, high temperature limit, low temperature limit, or keypad short.
- Selectable alternation of set points between the relays for even wear on duplex pump applications.
- Weatherproof housing is ideal for a wide variety of applications with panel mount, flush mount, or pipe mount ability.

**APPLICATIONS**
- Process control
- Compressor control
- SCFM duct flow
- Filter status
- Duct or building static pressure
- Damper and fan control

**SPECIFICATIONS**

- **Service:** Compatible liquids and gases.
- **Wetted Materials:** 316L SS.
- **Housing:** Glass filled plastic.
- **Accuracy:** ±1% of FS including linearity, hysteresis, and repeatability (indicator and transmitter).
- **Stability:** < ±2% of FS per year.
- **Pressure Limits:** Ambient: 20 to 140°F (-6.6 to 60°C); Process: 0 to 176°F (-18 to 80°C).
- **Compensated Temperature Limits:** 32 to 122°F (0 to 50°C).
- **Thermal Effect:** ±0.05% of FS/°F.
- **Display:** 4-digit backlit LCD (digits: 0.60˝H x 0.33˝ W).
- **Power Requirements:** 12 to 30 VDC/AC.
- **Power Consumption:** 2.5 watts.
- **Electrical Connections:** Removable terminal blocks with two 1/2˝ female NPT conduit connections.
- **Enclosure Rating:** Meets NEMA 4X (IP66).
- **Warm Up Time:** <10 seconds.
- **Mounting Orientation:** Any position.
- **Weight:** 1.18 lb (535 g).
- **Agency Approvals:** CE, UL.

**SWITCH SPECIFICATIONS**

- **Switch Type:** 2 SPDT relays.
- **Electrical Rating:** 5 A @ 120/240VAC, 1 A @ 30 VDC.
- **Repeatability:** ±1% of FS (switching only).
- **Set Points:** Adjustable 0-100% of FS.
- **Switch Indication:** External LED for each relay on the front panel.
- **Switch Reset:** Manual or automatic.

**TRANSMITTER SPECIFICATIONS**

- **Output Signal:** None, 4 to 20 mA, 1 to 6 VDC, 1 to 5 VDC, 0 to 5 VDC, or 0 to 10 VDC (direct or reverse output selection).
- **Minimum Excitation:** 14 VDC.
- **Zero and Span Adjustments:** Menu scalable within the range.