Series EDA Electronic Pressure Controller is an extremely versatile compact package that can replace a separate gage, two switches, and a transmitter in a system saving money, installation time, and panel space. The EDA incorporates two SPDT relays that have the on and off points fully adjustable over the range for control or alarm use. Front face has LED indicators for switch status and a large backlight two-line display showing process value and indication units. Programming is easy with simple menu structure, two-line display, and external programming buttons. Weatherproof housing is ideal for a wide variety of applications with panel mount, flush mount, or pipe mount ability. Features include zero set, adjustable dampening, menu lockout, peak and valley indication, removable terminal blocks, adjustable time delay, and scalable transmitter output.

APPLICATIONS
- Process control
- Compressor control
- Filter status
- Duct or building static pressure
- Damper and fan control

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
- Selectable alternation of set points between the relays for even wear on duplex temperature limit, low temperature limit, or keypad short
- Fail-safe relay output choices in case of sensor failure, over pressure, high switches and transmitter output function
- Zero and Span Adjustments: Menu scalable within the range.

SPECIFICATIONS
Service: Compatible liquids and gases.
Wetted Materials: 316L SS.
Housing: Polycarbonate.
Accuracy: ±1% of FS including linearity, hysteresis, and repeatability (indicator and transmitter).
Stability: < ±2% of FS per year.
Pressure Limits: 1.5 x range.
Temperature 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: 12-30 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 s.
Mounting Orientation: Any position.
Weight: 1.18 lb (535 g).
Agency Approvals: CE, UL.

ACCESSORIES
Model Description
A-990 1/2˝ conduit plug, watertight
A-EDA-BRK Flush mount bracket for EDA, bracket is then surface mounted, steel with gray hammertone epoxy finish

A-EDA-BRK with EDA installed