

COMPACT LINEAR AND ROTARY SMART POSITIONERS

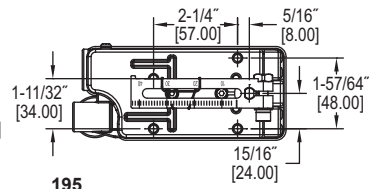
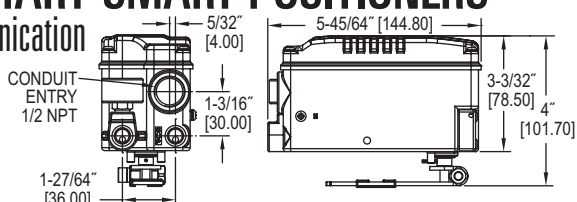
Low Cost, Rotary Operation, HART® Communication



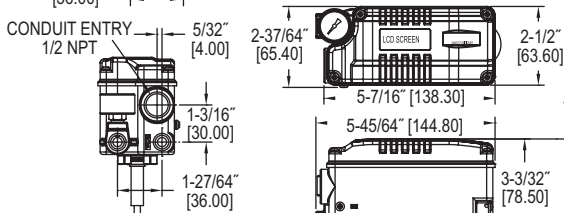
195



295



195



295

Proximity Series 195 & 295 Compact Linear and Rotary Smart Positioners are compact, high performance units with a low price. Series 195 models accurately control the valve stroke of linear motion valves and Series 295 models accurately control the valve stroke of rotary motion valves. An analog feedback signal is outputted to stabilize any valve system, and easy to use functions such as auto calibration ensure the accuracy of the unit. The handheld size of this unit makes it easy to use with any size actuator, and can be used in applications where a larger positioner may not fit. Series 195 and 295 Smart Positioners feature a LCD screen attached to the outer surface of the unit, allowing for an easy inspection of the positioner condition while in the field. Available with HART® communication.

MODEL CHART		
Model	Action	Communication
195EL-S1	Single	None
195EL-S2	Single	HART®
295ER-S1	Single	None
295ER-S2	Single	HART®

FEATURES/BENEFITS

- LCD Display
- Auto calibration, PID control and alarm

APPLICATIONS

- Linear motion valves or rotary motion valves with single acting actuators

SPECIFICATIONS

Input Signal: 4-20 mA DC.
Input Impedance: 460 Ω max @ 20 mA DC.
Enclosure Material: Aluminum.
Air Supply: 35 to 116 psi (2.4 to 8 bar).
Air Connection: 1/4" NPT.
Gage Connection: 1/8" NPT.
Conduit Connection: 1/2" NPT.
Linearity: ±0.5% FS.
Hysteresis: ±0.5% FS.
Sensitivity: ±0.2% FS.

Repeatability: ±0.3% FS.
Air Consumption: .0004 scfm (.01 LPM) at 20 psig (1.4 bar) supply.
Flow Capacity: .32 scfm (9 LPM) at 20 psig (1.4 bar) supply.
Stroke: 0.19 to 1.38" (5 to 35 mm) or 0 to 90°.
Enclosure Rating: NEMA 4X (IP66).
Temperature Limits: -22 to 185°F (-30 to 85°C).
Weight: 1.8 lb (.82 kg).

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Filters and Regulators: See pages 447-448