Westlock K-10 Pneumatic Positioner

The Westlock K-10 electro-pneumatic positioner accepts variable instrumentation signals (between 4 and 20 milliamps) from a PLC, DCS, set point controller, etc. and regulates the 80-psi air supply to and from the actuator. This process regulates the actuator position within its quadrant for precise modulation.



Standard Features

- Simple calibration of positioner with AutoCal pushbuttons located inside of housing
- Corrosion resistant engineered resin enclosure, meets Type 4X
- FM-CSA Approved as general purpose
- Nonincendive for Class1, Div 2
- Intrinsically safe for Class 1, Div 1
- Beacon visual position indication
- Pressure Gauges
- 3/4" FNPT conduit entry
- Split range capability
- Reverse acting capability
- NAMUR mount

Options

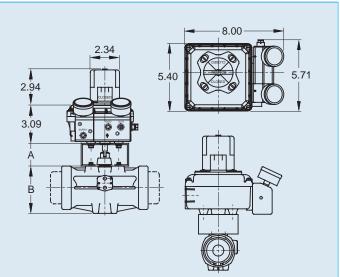
- Hand held I/R calibration tool
- Type 7 enclosure (Aluminum)
- Mechanical switches
- 4 20 mA transmitter

Engineering Specifications

Input current: 4 to 20 mA (analog) Supply air pressure: 40 to 120 psi Resolution: 0.2% of span Linearity: 1% of span Hysteresis: 0.2% of span Repeatability: 0.2% of span Air connections: 1/4" NPT

Sample Specification

All I/P modulating valves shall be equipped with a K-10 I/P positioner manufactured by Westlock Controls. Positioner housing shall be engineered resin meeting Type 4X, with stainless steel shaft & hardware, an anodized aluminum manifold with gauges, and a visual position indicator. Positioner shall be calibrated via AutoCal pushbuttons or with optional hand held calibration tool, and allow for standard (4-20 mA), split range (4-12 mA or 12-20 mA), or reverse acting (20-4 mA) instrument signals, as supplied by Asahi/America, Inc.



Dimensions

Model No.	А	В
AP79P	1.75	2.56
BP79P	2.16	3.15
B579PA	2.16	3.62
CP79P	2.16	3.82
C579PA	2.16	4.64
DP79P	2.16	5.16
D579PA	2.16	6.34
E79P	2.16	7.12
F79P	2.95	8.74
G79P	2.95	10.35
M79P	2.95	16.85