

# 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.



## Engineering Specifications

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

## Sample Specification

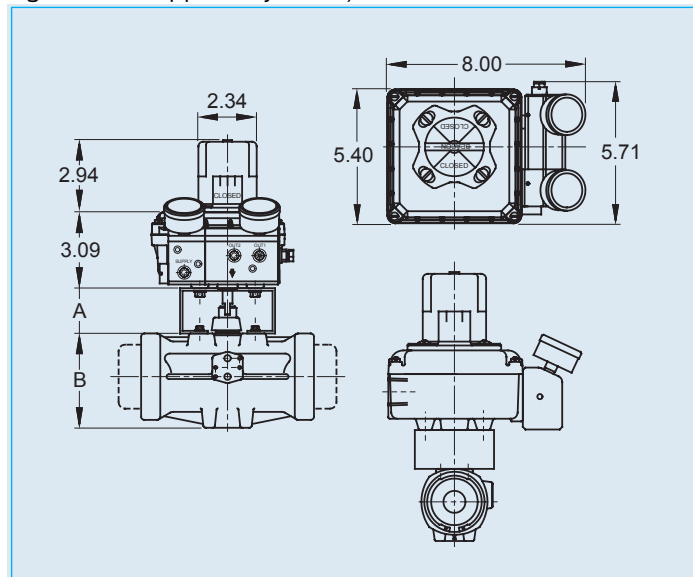
All I/P modulating valves shall be equipped with a K-10 I/P positioner manufactured by Westlock Controls. Positioner housing shall be engineered resin meeting Type 4X, with stainless steel shaft & hardware, an anodized aluminum manifold with gauges, and a visual position indicator. Positioner shall be calibrated via AutoCal pushbuttons located inside of housing 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.

## 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 Class 1, 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



## Dimensions

Model No.	A	B
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