The model K10 electro-pneumatic positioner is the first of its kind having calibration either by a simple AutoCal push of a button or remotely by implementing an infrared signal from a handheld. The K10 positioner brings a new level of efficiency to operating personnel responsible for the calibration of I/P positioners.

**FEATURES**
- Fast calibration through a simple pushbutton AutoCal procedure or remote calibration by utilizing an infrared handheld.
- Certified General Purpose, Nonincendive or Explosionproof or Intrinsically Safe.
- 2 year warranty.
- Beacon visual position monitor.
- Integrated position sensor capability.
- Corrosion resistant engineered resin Nema 4, 4x enclosure standard. (Explosionproof unit: Aluminum)
- Optional high flow transducer.
K10

Certification
FM Approved
CSA Certified
Nonincendive: Class I, Groups A, B, C & D
Class II, Groups F & G, Division 2
Intrinsically Safe: Class I, II, III
Groups A - G; Division 1
(must be used with an approved barrier)
Explosionproof:
Class I, Groups C & D
Class II, Groups E, F & G
Divisions 1 & 2

Materials of Construction (N/I & I/S))
Housing Engineered Resin
Cover Clear Engineered Resin
Manifold Anodized Aluminum
Conduit Stainless 3/4” NPT
Hardware Stainless Steel

Materials of Construction (Explosionproof)
Housing Aluminum
Cover Aluminum
Manifold Aluminum (anodized)
Conduit 3/4” NPT
Shaft Stainless Steel
Hardware Stainless Steel

Micro-Switch V3
SPDT (V3)
AMPS VAC VDC
15 125 15
15 250 0.50 125 0.25 125

Operating Specifications
Input current 4 to 20 mA (analog)
Voltage drop 9 volts
Supply air pressure (low) 15 to 45 psi, (high) 40 to 120 psi
Resolution 0.2% of span
Linearity ±1% of span
Hysteresis 0.2% of span
Repeatability 0.2% of span
Thermal coefficient 2%/100°C
Output flow rates (low) 8.0 scfm @ 25 psi, (high) 16.2 scfm @ 90 psi
Air consumption (low) .30 scfm @ 25 psi, (high) .71 scfm @ 90 psi
Gain Electronically adjustable
Air Connection Ports 1/4” NPT

P+F NJ 2-V3 Sensors Proximity Type (Solid State), I.S., PTB, FM, CSA, CE
Sensing Range 3 mm
Electrical Version D.C. voltage 2 wire in accordance with DIN19234 (NAMUR)
Hysteresis Approx. 5%
Switching Frequency 1.5KHz
Nominal Voltage 8 VDC
Input/Output Range 5-25 VDC
Output Current Cam Trigger Present ≤1mA
Consumption Cam Trigger Absent ≥3mA (15mA max)
Operating Temp. -25°C +100°C

ORDERING GUIDE

Westlock reserves the right to change product designs and specifications without notice, and is not responsible for errors and omissions.