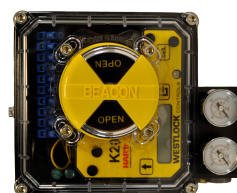


Upgrade to Westlock's Premier Smart Positioner

Upgrade to Westlock's premier smart positioner which delivers easy to use, modulating position control via simple auto-calibration and improved levels of reliability via innovative technology. Experience the future of smart positioners with Westlock's K20, embodying our commitment to intuitive and dependable solutions. Compliant with NEC, CEC, ATEX, and IECEx standards for Intrinsically Safe and Non-Incentive applications, it sets a new standard in reliability and ease of use.



AVID® EAZICAL II

K20 SMART POSITIONER

Features

- Simple Auto-Calibration
 - Large LCD Display
- Integrated Limit Switch Options
- Includes Standard 4-20mA Position Transmitter
 - Non-Contact Hall Effect Sensing
- Suitable for Single Acting & Double Acting Applications
 - Globally Certified

Technical Specification

Input Current: 4-20mA (analogue)
 Voltage Drop: 9 volts
 Supply Pressure: 15 to 45 psi (low), 40 to 120 psi (high)
 Resolution: 0.5% of span
 Hysteresis: 0.4% of span
 Repeatability: 0.4% of span
 Thermal Coefficient: 3%/ 100°C
 Output Flow Rates: 16.2 scfm (standard), 40 scfm (high) @ 90 psig supply
 Air Consumption: 0.08 scfm @ 90 psi (high), 0.03 scfm @ 20 psi (low)
 Gain: Adjustable
 Air Connection Ports: 1/4" BSP/NPT

Material of Construction

Housing/Cover: Engineered resin, aluminum & CF8M (316) stainless steel
 Manifold: Anodized aluminum or stainless steel
 Conduit: M20, M25, 3/4" NPT
 Shaft: Stainless steel
 Hardware: Stainless steel

Agency approvals Intrinsically Safe

ATEX/IECEx

(Engineered Resin or Stainless Steel enclosure)
II 1G
Ex ia IIC T4 Ga
Ta = -40°C to +85°C Ta = -40°C to +85°C

(Aluminum enclosure)
II 1G II 2D
Ex ia IIC T4 Ga Ex tb IIIC T87 Db
Ta = -40°C to +85°C Ta = -40°C to +85°C

North America

(Stainless Steel or Resin)
Class I, Div. 1, Groups A, B, C & D; T4;
Class I, Zone 0, AEx/Ex ia IIC T4 Ga;
Type 4X, IP 65
Class I, Div. 2, Groups A, B, C & D; T4;
Type 4X, IP 65

(Aluminum Only)
Class I, Div. 1, Groups A, B, C & D; T4;
Class II, Div. 1, Groups E, F & G;
Class III;
Class I, Zone 0, AEx/Ex ia IIC T4 Ga;
Class II, Zone 21, AEx/Ex tb IIIC T87 Db;
Type 4X, IP 65

Non-Incendive

Class I, Div. 2, Groups A, B, C & D; T4;
Class II, Div. 2, Groups F & G;
Class III;
Type 4X, IP 65



Note: The switch options are approved for hazardous locations.
(Mech. Switch option not for use in Division 2 North America)

Switch Options



Magnum XT-90
hermetically sealed proximity switch

Hermetically-sealed proximity switches with either pure tungsten or rhodium contacts for use with low power I/O's to provide longer contact life.



SPDT Mechanical Switch V3

A V3 (single pole double throw) mechanical switch (Form C).



P+F NJ2-V3-N
inductive proximity sensor

Intrinsically Safe
A solid state inductive proximity sensor which is available in NAMUR output. It is ideal for use in devices within potentially explosive atmospheres.