

In-line valve pneumatic actuators



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Features and benefits

- Hygienic design with laser-etched serial numbers on the actuator body supports full product traceability and cGMP
- Lightweight stainless steel and plastic construction with 304 SS sleeve and nylon handle
- Pneumatic control options to suit your process needs
- Visual indication of open/closed status
- 151 psig maximum sealing force



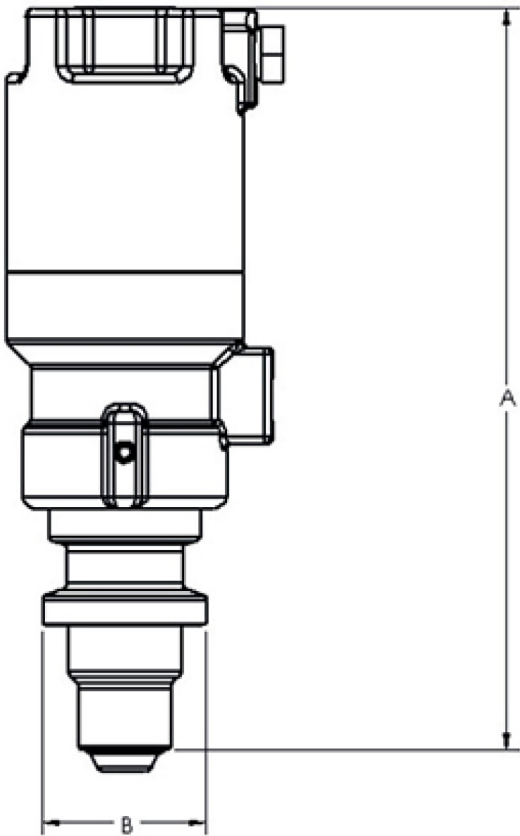
Technical specifications

	In-line valve pneumatic actuators
Sizes	0.5", 0.75", 1.0", 1.5"
Position indication	Rising stem
Pneumatic air connection fitting	1/8 inch NPT
Pneumatic tube connector size	1/4 in
Max. operating pressure	10 bar (150 psi)
Operating temperature	Up to 135 °C (275 °F)
Min. operating gauge pressure	70 psig
Max. operating gauge pressure	100 psig
Compatible valves	Standard (180 degree) Weirless Radial diaphragm tank valves
Certification and compliance	ISO 9001
Standards	3-A, ASME BPE, ATEX 2014/34/EU, CE Ex II2G Ex h II8 T3 Gb, CE-PED

Materials of construction

	In-line valve pneumatic actuators
Housing	Nylon, Stainless steel 304
Actuator shaft	Stainless steel 316
O-ring	EPDM
Seals	EPDM

In-line valve pneumatic actuators dimensions



Size (inch)	A mm (inch)	B mm (inch)	Max travel mm (inch)	Weight kg (lb)	Clearance required for removal mm (inch)
0.50	143.3 (5.6)	31.5 (1.2)	4.4 (0.2)	0.5 (1.0)	193.0 (7.6)
0.75	162.6 (6.4)	50.8 (2.0)	5.6 (0.2)	1.0 (2.2)	213.4 (8.4)
1.00	177.8 (7.0)	63.5 (2.5)	5.3 (0.2)	1.3 (2.9)	254.0 (10.0)
1.50	188.0 (7.4)	91.4 (3.6)	7.0 (0.3)	2.4 (5.2)	276.9 (10.9)

Product codes

Product number	Product description
FP05-01	0.5" Weirless Radial in-line valve AKS pneumatic actuator
IP08-01	0.75" Weirless Radial in-line valve AKS pneumatic actuator
IP10-01	1.0" Weirless Radial in-line valve AKS pneumatic actuator
IP15-01	1.5" Weirless Radial in-line valve AKS pneumatic actuator

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