



Technical Specifications

V200E-FF Electropneumatic Fail Freeze Positioner

Input range: 4-20mA
Load presents 6 volts (+/-0.5V) constant voltage drop to the current source.

Supply pressure: 100 PSI
Linearity error: <1.2% f.s.
Hysteresis: <0.9% f.s.
Repeatability: <0.8% f.s.

	Standard	High Gain
Pressure Gain: Acc. To ISA S75.13	300:1	800:1

Air Delivery: @87 PSI (600kPa)	SCFM 28.3	SLPM 800
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Air Consumption: @87 PSI (600kPa)	SCFM 0.35	SLPM 17
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Supply pressure effect: negligible
Loop voltage drop: +/-0.5 V
Reverse protection: 125 mA
Over current protection: 125 mA
Fail Freeze Mode: Input signal fail below 2 mA +/-0.5 mA
Fail Freeze Drift Rate: .02% in 30 seconds (mid range)

Temp Range: -20° to 158° Fahrenheit
-20° to 70° Celsius

Air Connections: 1/4" NPT or G Threads
Gauge port: 1/8" NPT or G Threads
Cable entry: 1/2" NPT optional 30mm square
Connector DIN 43650

Ingress & corrosion protection: Nema 4X and IP 66
Coating: Powder Polyester

Weight 5.4 lbs.