



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: 20-100 PSI

Linearity error: <1.2% f.s.

Hysteresis: <0.9% f.s.

Repeatability: <0.8% f.s.

Pneumatic Flow	Standard/Low Bleed	High Gain	Super High Gain/High Flow
Pressure Gain: @87 PSI (600kPa)	240:1	1100:1	1100:1

Positioner:			
Air Delivery: @87 PSI (600kPa)	SCFM 28.3	31.8	50.0

Air Consumption: @87 PSI	SCFM <.2	.71	1.3
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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.