



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
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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.
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