



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) acc.to ISA S75.13	240:1	1100:1	1100:1

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

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

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.