



## Technical Specifications



### V200E-EX-Electropneumatic Explosion Proof Positioner

Input range: 4-20mA (R1<475 ohms)  
 Supply pressure: 100 PSI  
 Linearity error: <0.8% f.s.  
 Hysteresis: <0.5% f.s.  
 Repeatability: <0.4% f.s.

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

Air Delivery:	SCFM	SLPM
@87 PSI (600kPa)	28.3	800 Standard
	31.8	900 High Gain

Air Consumption:	SCFM	SLPM
@87 PSI (600kPa)	0.42	13 Standard
	0.60	16 High Gain

Temp Range: -40° to 185° Fahrenheit  
 -40° to 85° Celsius

Air Connections: ¼" NPT or G Threads  
 Gauge port: 1/8" NPT or G Threads  
 Cable entry: ½" NPT or M20x1.5 or PG 13.5

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

Weight 5.4 lbs

### Approvals

#### Atex/Cenelec

Intrinsically safe: EEX ia IIB T4  
 Flameproof: EEx d IIB +H2 T4

#### British Standard (NI)

Non incandive: Ex N II T6 for Zone 2

#### FM

Intrinsically safe: CL I-II-III/Div 1/Grp CDEFG  
 Non incandive: CL I/Div 2/Grp ABCD  
 Explosion proof: CL I/Div 1/Grp BCD  
 CL I II III/Div 1/Grp EFG

#### CSA

Intrinsically safe: CL I/Div 1/Grp CD  
 CL II/Div 1/Grp EFG  
 CL III  
 CL I/Div 2/Grp BCD  
 CL II/Div 1/Grp EFG  
 Explosion proof: CL I/Div 1/Grp BCD  
 CL II/Div 1/Grp EFG