



Technical Specifications

V200E-EX-Electropneumatic Explosion Proof Positioner

Input range:	4-20mA (R1<260 ohms)	
Supply pressure:	20-145 PSI	0.2-1MPa
Linearity error:	<0.8% f.s.	
Hysteresis:	<0.5% f.s.	
Repeatability:	<0.4% 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	31.5	50.0
Air Consumption: @87 PSI	SCFM <.2	.83	1.3
Temp Range:	-40° to 185° Fahrenheit		
Air Connections:	1/4" NPT or G Threads		
Gauge port:	1/8" NPT or G Threads		
Cable entry:	1/2" NPT or M20x1.5 or PG 13.5		
Ingress & corrosion protection:	Nema 4X and IP 65		
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 incensive: Ex N II T6 for Zone 2

FM

Intrinsically safe:
 CL I-II-III/Div 1/Grp A-G
 Nonincensive: CL I/Div 2/ Grp A-D
 Explosionproof: CL I/ Div 1/ Grp
 BCD
 Dust-Ignitionproof: CL II-III/ Div 1/
 Grp EFG

CSA

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

