



Technical Specifications

Nickel Coated

V100 E & P Positioner

	E-Electropneumatic	P-Pneumatic
Input range:	4-20mA ($R_i < 170$ ohms)	3-15 PSI
Supply pressure:	22-145 PSI 0.15-1Mpa	<145 PSI
Linearity error:	<1.0% f.s.	0.7 f.s.
Hysteresis:	<0.5% f.s.	0.4 f.s.
Repeatability:	<0.5% f.s.	0.3 f.s.

Pressure Gain:	750 P_{out}/P_{in}
Acc. To ISA S75.13	49% P_{out}/P_{in}

Air Delivery:	SCFM	SLPM
@29 PSI (200kPa)	9.5	270
@87 PSI (600kPa)	28.3	800
@145 PSI (1Mpa)	47.1	1350

Air Consumption:	SCFM	SLPM
@29 PSI (200kPa)	0.18	5
@87 PSI (600kPa)	0.53	15
@145 PSI (1Mpa)	0.88	25

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

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 66
Coating:	Nickel Coated-inside & outside "high phosphor nickel" (nickel with 11-13% phosphor)

Weight	3.8 lbs	1.7 kg
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