



**V100-GA Gas Approved**

Input range:	4-20mA
Supply pressure:	100 PSI (min 5 psi over output)
Linearity error:	<1.0% f.s.
Hysteresis:	<0.5% f.s.
Repeatability:	<0.5% f.s.
Loop load	7.5 VDC @ 20 mA

Pneumatic Positioner	
Pressure Gain:	750 Pout/Pin
Acc. To ISA S75.13	49% Pout/Pin

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

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 160° Fahrenheit
	-40° to 71° Celsius

RFI/EMI Effect      Less than 0.5% of span

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

Weight      3.8 lbs 1.7 kg

Approvals:    FM

CSA



**Intrinsically Safe**  
 CI I, Div 1, Gps C & D  
 CI II Div 1, Gps E,F,G  
 CI III Div 1 Fibers  
 Temp code T4

**Explosion Proof**  
 CI I, Div 1 & 2, Gps B,C,D

**Dust Ignition Proof**  
 CI II & III, Div 1, Gps E,F, G