

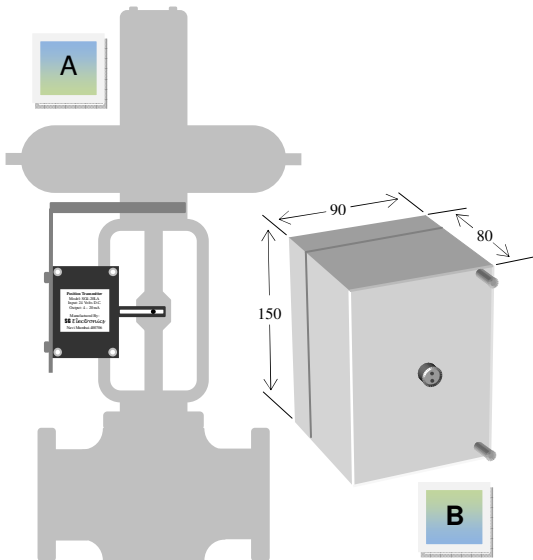


Model: SG-PTx-LN110

'SG' Position Transmitter is a two wire electronic transmitter that converts resistance input into current output.

When coupled to any rotary or reciprocating device, the transmitter picks up the travel of that device and provides feedback of rotary or linear displacement. If this signal is supplied to the control room or to an indicating unit, such as ammeter, the current shaft position can be monitored.

The Position Transmitter has excellent linearity and repeatability. It is easy to install and provides an excellent price and performance ratio. The transmitter can be configured to suit various shaft rotations or lifts and feedback signal can be selected between Direct Signal or Reverse Signal for a given movement of rotary or reciprocating device.



- A. Schematic sketch showing Position Transmitter, model SG-PTx-LN110 mounted on a Control Valve.
- B. Schematic sketch showing dimensions

Specification (Position Transmitter)

Operating Voltage	24 Volts DC
Output Signal	*Select from Ordering Symbols ¹
Travel (Min / Max)	*Select from Ordering Symbols ²
Linearity Error (FS)	±1% (4-20mA) • ±2.5% (0-135Ω)
Working Temperature	Upto 80° C
Load Impedance	600 Ω
Housing	Aluminum Die Cast
Cable Entry / Gland	3/4" ET / PG – 11
Dimension (LxWxH)	90 mm x 80 mm x 150 mm

Specification (Limit Switch)

Rating	5A 250V AC
Switch Type	2 x SPDT

***Ordering Symbols:** SG-PTx-

Model	Application	Enclosure	Output Signal ¹	Angle of Rotation (Travel) ²	Optional
SG-PTx-	L Linear	N Non Ex.Proof	1 4 – 20 mA DC	1 0-90 Degrees (Linear)	0 None
	R Rotary	M Ex.Proof IIA, IIB*	2 0 – 135 Ω	2 0-90 Degrees (Rotary)	1 Limit Switch (Internal)
		C Ex.Proof IIC*	3 Dual	3 0-360 Deg. x 1T~10T (Rotary)	
		I Intensely Safe*	Options marked * are presently not available		

● Dimensions indicated are in mm ● Position Transmitter shown mounted on the Control Valve is indicative only ●
Design & Information in this document is subject to change without notice

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