

# STRING POT

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## UNIVERSAL SOLUTION

We have wide range of string pot that caters the need of almost every application, high precision sensors with all-purpose, wide temperature compensation range feature & miniature size, makes the sensor stand out.



### ORDERING INFORMATION

Item Number	SP3-4	SP3-12	SP3-25	SP3-50
full stroke range	4.75 in (120 mm)	12.5 in (317 mm)	25 in (635 mm)	50 in (1270 mm)
accuracy (% of f.s.)	1.00%	0.25%	0.25%	0.25%
cycle life	2.5M cycles	500K cycles	500K cycles	250K cycles

### INDUSTRIES

- Automobile
- Oil & Gas
- Energy
- Aerospace
- Process Plants
- Defense
- Steel



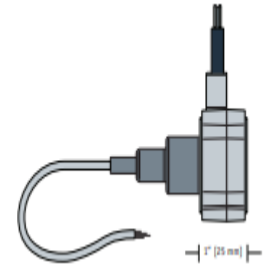
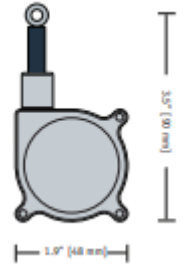
**TSM**

Systems Measurement Analysis

sales@tsmtechnic.com  
 (+91) 9324325522  
 www.tsmtechnic.com

### SPECIFICATIONS

Available Stroke Ranges	4.75, 12.5, 25, 50 inches
User Selectable Output Signal	4...20 mA (2-wire) / 0...10 Vdc
Input Voltage, 4...20 mA option	8-40 VDC
Input Voltage, 0...10 Vdc option	12-32 VDC
Accuracy	.25% to 1% FS. (see ordering info)
Repeatability	.05% FS.
Resolution	essentially infinite
Measuring Cable	.019-inch dia. nylon-coated stainless steel
Maximum Acceleration	15 g (retraction)
Measuring Cable Tension	7 oz. (1,9 N) ±30%
Sensor	plastic-hybrid precision potentiometer
Cycle Life	see ordering information
Enclosure	polycarbonate
Electrical Connection	40-inch (1 m), multi-conductor cable
Operating Temperature	0° to 160° F (-18° to 70° C)
Weight (not including bracket)	3 oz (90 g)



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## CUSTOM SOLUTION

The transducers can be fully customized to meet your exact requirements in terms of size, type, electrical output, pressure/temperature range, connectors, end fittings etc.

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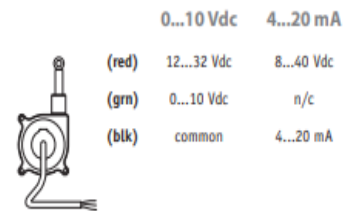
## DOOR STEP SERVICE

The repair and calibration service can be provided to your doorstep, local service helps you to save your time and cuts down your hassle

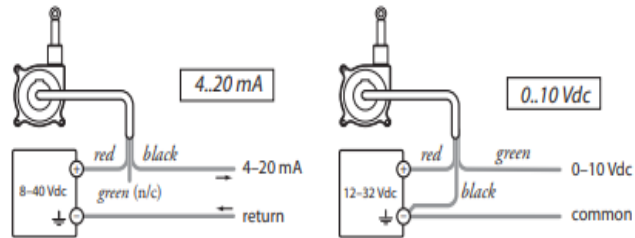
## DECADES OF EXPERIENCE BRINGS CONFIDENCE

*moving fast with latest technology*

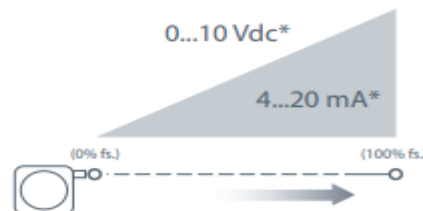
### Electrical Connection:



### Output Signal Options:



### Output Signal:



\*note: output signal endpoint tolerance

Output Signal	0% fs.	100% fs.
4...20 mA	4 - 4.25 mA	19.2 - 20 mA
0...10 Vdc	0 - .2 Vdc	9.5 - 10 Vdc