

MEAS | MEAS SP

TE Internal #: SP1-25

TE Internal Description: STRING POT 25.0 INCH RANGE

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Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors



Position Sensor Product Type: SP Series, String Pots

Full Stroke Range: 101.6 – 1270 mm [4 – 50 in]

Output Signal Type: Voltage Divider (Potentiometric)

Accuracy: ±.25 % of FS
Repeatability: .02 % of FS

Features

Product Type Features	
Position Sensor Product Type	SP Series, String Pots
Body Features	
Case Material	Polycarbonate + Stainless Mounting Bracket
Dimensions	
Full Stroke Range	101.6 – 1270 mm[4 – 50 in]
Usage Conditions	
Accuracy	±.25 % of FS
Operating Temperature Range	-40 - 71 °C[-40 - 160 °F]
Operation/Application	
Output Signal Type	Voltage Divider (Potentiometric)
Industry Standards	
IP Rating	IP50
Hazardous Area Approval	No
Other	
Repeatability	.02 % of FS
Encoder Drive	No

Nylon-Coated Stainless Steel

Measuring Cable



Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (3.4% in Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts









Also in the Series | MEAS SP





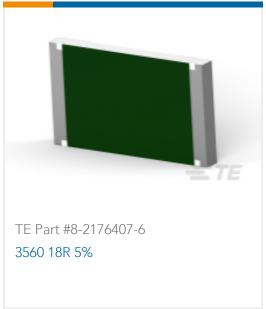
Customers Also Bought

















TE Part #LL10-1AC01-01 LL10 1FT CABLE 2.25"AP 80C

TE Part #T4111010051-000 M12 M, 5P GOLD A CODE W/O GLAND

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SP1-25_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SP1-25_1.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_SP1-25_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SP1

English