



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > IP67 String Pot, 40in. Electrical Cable



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**

[All IP67 String Pot, 40in. Electrical Cable \(4\)](#)

Features

Product Type Features

Position Sensor Product Type	SP Series, String Pots
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Dimensions

Full Stroke Range	101.6 – 1270 mm[4 – 50 in]
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Operation/Application

Output Signal Type	Voltage Divider (Potentiometric)
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Usage Conditions

Accuracy	±.25 % of FS
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Operating Temperature Range	-18 – 71 °C[0 – 160 °F]
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Other

Repeatability	.02 % of FS
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Encoder Drive	No
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Measuring Cable	Nylon-Coated Stainless Steel
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EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant with Exemptions
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Body Features

Case Material	Polycarbonate + Stainless Mounting
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Bracket

Industry Standards

IP Rating	IP51
Hazardous Area Approval	None

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: JUL 2021 (219) SVHC > Threshold: Pb (2.2% 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



TE Part # CAT-CAPS0068
IP67 String Pot, 40in. Electrical Cable

TE Part # 9036810-0040
CONN,PLUG,STRGHT,4COND,5M,
SC4

Also in the Series | MEAS SP



Cable Actuated Position Sensors(22)

Customers Also Bought



TE Part #972394-000
D-150-0168



TE Part #41581
RT .171 DIA TERMINAL 24-20 AWG
TPBR



TE Part #L9000355-01
Magnetic Base SMA Jack MR195 1M
TNC Plug



TE Part #2329386-1
PN OFF/ON FC BLK M1 TERM IP68
500MM LHS



TE Part #K1146614
Battery Disconnecter 35-210-100-R-900



TE Part #4-2176217-9
CPF A 0805 10K 0.1% 25PPM 1K RL



TE Part #1614914-1
CPF0805 2K0 0.1% 25PPM 5K RL



TE Part #5-1614893-3
CPF 0805 47K5 0.1% 25PPM 1K RL



TE Part #1-1337473-0
UHF Str Plg PS Silver Pltd RG58C/U,
141A

TE Part #7-1768710-8
STD06W/1-18



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SP2-25_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SP2-25_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_SP2-25_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SP2

English