



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > Shielded Cable Mini String Pot



Position Sensor Product Type: **SM, Mini String Pot Series**

Full Stroke Range: **63.5 – 635 mm [ 7.5 in ]**

Output Signal Type: **Voltage Divider (Potentiometric)**

Accuracy: **±.25 % of FS**

Repeatability: **.02 % of FS**

[All Shielded Cable Mini String Pot \(4\)](#)

Features

Product Type Features

Position Sensor Product Type	SM, Mini String Pot Series
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Body Features

Case Material	Polycarbonate + Stainless Mounting Bracket
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Dimensions

Full Stroke Range	63.5 – 635 mm[7.5 in]
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Usage Conditions

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

Operation/Application

Output Signal Type	Voltage Divider (Potentiometric)
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Industry Standards

IP Rating	IP50
Hazardous Area Approval	No

Other

Repeatability	.02 % of FS
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Encoder Drive	No
Measuring Cable	Nylon-Coated Stainless Steel

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
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-CAPS0065  
Shielded Cable Mini String Pot



TE Part # CAT-CAPS0066  
Voltage Divider Mini String Pot

Also in the Series | MEAS SM



Cable Actuated Position Sensors(8)

Customers Also Bought



TE Part #4-1623732-4  
BCHE 7 W 5K6 5%



TE Part #103669-1  
02 MTE HDR SRST LATCH W/HLDWN



TE Part #5-146868-1  
B/A REELED SRST HDR ASSY 30 AU



TE Part #SG1-120-3  
STRING POT, 120 INCH RANGE



TE Part #EEC-325X4B  
ENCLOSURE, 3.25 X 4, BLK, NO VENT



TE Part #5-103945-4  
4X5 MTE SHRD PIN SR LATCH .100



TE Part #5-103961-3  
5X4 MTE RCPT SR LATHC .100CL



TE Part #5-103944-2  
5X3 MTE SHRD PIN SR POL .100



TE Part #964280-6  
JPT A REC 2.8 Contact SRC Ag

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_SM1-7\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_SM1-7\_1.3d\_igs.zip



English

Customer View Model  
[ENG\\_CVM\\_CVM\\_SM1-7\\_1.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages  
[SM1](#)

English