



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > SE1 String Pot Incremental Encoder



Position Sensor Product Type: SE1 - Compact String Pot

Full Stroke Range: 635 mm, 1270 mm [ 50 in ]

Output Signal Type: Incremental Encoder

Accuracy: ±.1 % of FS

Repeatability: .02 % of FS

[All SE1 String Pot Incremental Encoder \(2\)](#)

Features

Product Type Features

Position Sensor Product Type	SE1 - Compact String Pot
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Body Features

Case Material	Polycarbonate + Stainless Mounting Bracket
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Dimensions

Full Stroke Range	635 mm, 1270 mm[50 in]
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Usage Conditions

Accuracy	±.1 % of FS
Operating Temperature Range	-10 – 85 °C[14 – 185 °F]

Operation/Application

Resolution	1432 ppm
Output Signal Type	Incremental Encoder

Industry Standards

IP Rating	IP50
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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	Not Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (.1% in Component Part) Pb (.1% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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



Cable Actuated Position Sensors(23)

Customers Also Bought

TE Part #04-0994-0256  
PT8600-0025-111-F01

TE Part #4-2176337-3  
CRGCQ 0402 33K 1%

TE Part #4-2208157-1  
4POS, MIXED REC HSG, ASSY,  
SEALED, COD D

TE Part #354275-E  
MSPPM 5 M SMD M1 B A V 137 094 \*  
E008 J

TE Part #9677811-0002  
LEAD SCREW,PT9000,1/4-40

TE Part #9604197-0000  
SUBASSY,ALUM COVER, MT2A

TE Part #73350011-000  
JC GCD-SE-600 TYPE-4080

TE Part #9000451-0005  
WASHER, SHIM, PER DWG 650482

TE Part #9678173-0000  
BRACKET,MOUNTING,ALUM,PT9000

TE Part #9085000-0010  
POT,10T,5K,0.10%, PER 650573

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_SE1-50\_A.2d\_dxf.zip
- English
- Customer View Model



[ENG\\_CVM\\_CVM\\_SE1-50\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_SE1-50\\_A.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SE1](#)

English