



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > SR SERIES, IP67 STRING POTS



Cable Actuated Position Sensor Product Type: **SR Series, IP67 String Pots**

Full Stroke Ranges: **3175 mm [125 in]**

Output Signal: **Incremental Encoder**

Cable Actuated Position Sensor Accuracy: **.1 % of FS**

Repeatability: **.02 % of FS**

[All SR SERIES, IP67 STRING POTS \(1\)](#)

Features

Product Type Features

Cable Actuated Position Sensor Product Type	SR Series, IP67 String Pots
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Signal Characteristics

Output Signal	Incremental Encoder
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Body Features

Cable Actuated Position Sensor Housing Material	Polycarbonate + Stainless Mounting Bracket
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Usage Conditions

Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
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Operation/Application

Resolution	4 ppmmm mm
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Industry Standards

IP Rating	IP67
Hazardous Area Approval	No

Other

Full Stroke Ranges	3175 mm[125 in]
Cable Actuated Position Sensor Accuracy	.1 % of FS



Repeatability	.02 % of FS
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 with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2023 (235) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (3% in Component part) 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 # SE1-25
STRING ENCODER, 25 INCH RANGE



TE Part # SR1M-175
STRING POT, 175 INCH RANGE



Also in the Series

MEAS SR

Cable Actuated Position Sensors(12)

Customers Also Bought

TE Part #SPD-25-3 STRING POT 25 INCH RANGE	TE Part #206512-5 CLAMP,CABLE SHELL,SIZE 23	TE Part #66103-3 III+ PIN,24-20,15AU/FL,LP	TE Part #ZPF000000000001616 108-0005-10 B756
TE Part #9000159-0019 CABLE, 0.019 DIA, NYLON COATED	TE Part #9000400-0090 CRIMP,CABLE,.047 PER 650462	TE Part #04-1208-0154 MT2A-3E-33-10K-C1A	TE Part #04-1103-0170 PT1MA-25-UP-420E-C25
TE Part #04-0981-0362 PT8510-0040-111-1130	TE Part #04-0975-0197 PT9150-8750-111-2110		

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_SR1E-125_1.2d_dxf.zip
- English
- Customer View Model



[ENG_CVM_CVM_SR1E-125_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SR1E-125_1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SR1E](#)

English