



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > Industrial Incremental Encoder



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

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

Output Signal Type: **Incremental Encoder**

Accuracy: **±.1 % of FS**

Repeatability: **.02 % of FS**

[All Industrial Incremental Encoder \(1\)](#)

Features

Product Type Features

Position Sensor Product Type	SR Series, IP67 String Pots
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Body Features

Case Material	Polycarbonate + Stainless Mounting Bracket
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Dimensions

Full Stroke Range	3175 mm[125 in]
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Usage Conditions

Accuracy	±.1 % of FS
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]

Operation/Application

Resolution	2565 ppm
Output Signal Type	Incremental Encoder

Industry Standards

IP Rating	IP67
Hazardous Area Approval	No

Other

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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 2024 (241) 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 #206837-1
CPC PLUG ASSEMBLY SIZE 23-24

TE Part #206512-5
CLAMP, CABLE SHELL, SIZE 23

TE Part #1658608-4
09 POS HDF PLUG, MS, LEAD FREE

TE Part #66103-3
III+ PIN, 24-20, 15AU/FL, LP

TE Part #SGD-80-3
STRING POT, 80 INCH RANGE

TE Part #66103-1
III+ PIN, 24-20, 30AU>10, LP

TE Part #5-102619-3
10 MODII HDR DRST SHRD .100CL

TE Part #1-1393118-4
KUP-14D15-24=KU-

TE Part #1-1658528-1
636-1030LF=FEM SKT BLADE POL 1

TE Part #2301838-1
AMPL REC HD20, VERT, 9P, B/L, 4-40 INS

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