

SR1A-125

✓ ACTIVE

[MEAS | MEAS SR](#)

TE Internal #: SR1A-125

TE Internal Description: STRING POT, 125 INCH RANGE

SR SERIES, IP67 STRING POTS

[View on TE.com >](#)[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: **Voltage Divider (Potentiometric)**Cable Actuated Position Sensor Accuracy: **.5 % of FS**Repeatability: **.02 % of FS**[All SR SERIES, IP67 STRING POTS \(3\)](#)

Features

Product Type Features

Cable Actuated Position Sensor Product Type

SR Series, IP67 String Pots

Signal Characteristics

Output Signal

Voltage Divider (Potentiometric)

Body Features

Cable Actuated Position Sensor Housing Material

Polycarbonate + Stainless Mounting
Bracket

Usage Conditions

Operating Temperature Range

-40 – 85 °C [-40 – 185 °F]

Operation/Application

Resolution

Continuous Analog mm

Industry Standards

IP Rating

IP67

Hazardous Area Approval

No

Other

Full Stroke Ranges

3175 mm [125 in]

Cable Actuated Position Sensor Accuracy

.5 % 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) <small>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.</small>
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

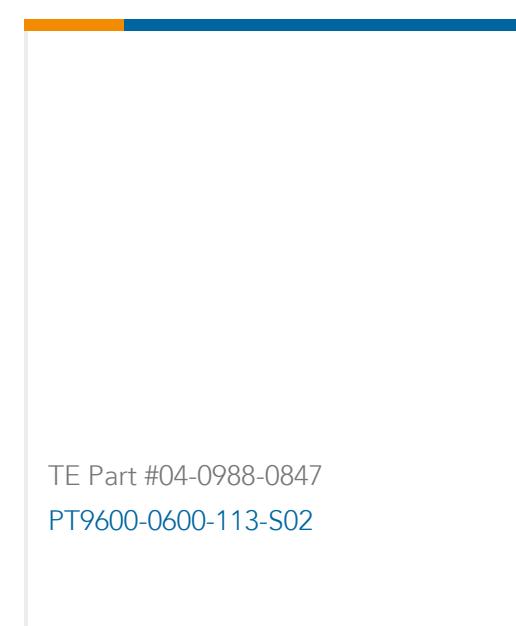
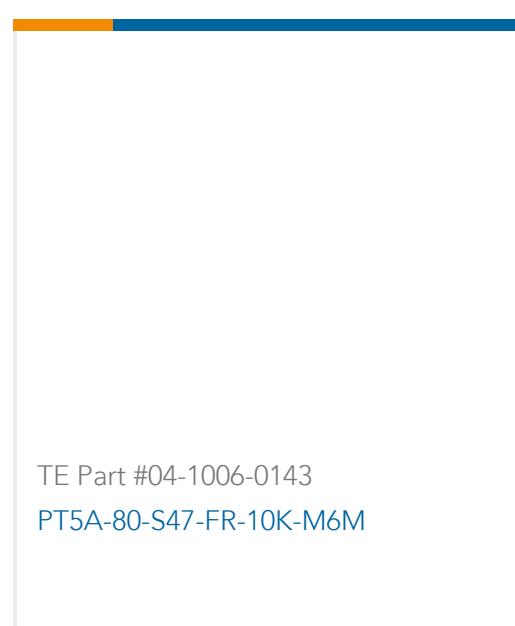


TE Part # CAT-CAPS0072
SR SERIES, IP67 STRING POTS

Also in the Series | MEAS SR



Customers Also Bought



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_SR1A-125_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SR1A-125_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SR1A-125_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

SR1A

English