SR1M-125 ~ ACTIVE

MEAS | MEAS SR TE Internal #: SR1M-125 TE Internal Description: STRING POT, 125 INCH RANGE IP67 String Pots, 4-20Ma Output, SR1M View on TE.com >



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > IP67 String Pots, 4-20Ma Output, SR1M



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

Full Stroke Ranges: 3175 mm [125 in]

Output Signal: 4–20 mA

Cable Actuated Position Sensor Accuracy: .5 % of FS

Repeatability: .02 % of FS

All IP67 String Pots, 4-20Ma Output, SR1M (2)

Features

Product Type Features

Cable Actuated Position Sensor Product Type

SR Series, IP67 String Pots

Signal Characteristics

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Output Signal	4 – 20 mA
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	16 bit 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: JAN 2023 (233) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content

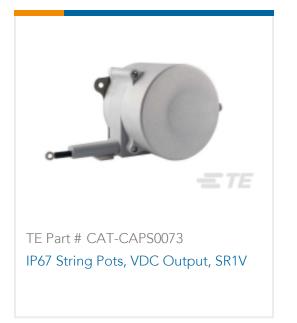
Solder Process Capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | MEAS SR

STRING POT, 125 INCH RANGE





Customers Also Bought



TE Part #04-1103-0974 PT1MA-40-UP-420R-C25-SG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SR1M-125_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SR1M-125_1.3d_igs.zip

SR1M-125

STRING POT, 125 INCH RANGE



English

Customer View Model ENG_CVM_CVM_SR1M-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 SR1M

English