

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
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Signal Characteristics

Output Signal	4 – 20 mA
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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	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Resolution	16 bit mm
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Industry Standards

IP Rating	IP67
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Hazardous Area Approval	No
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Other

Full Stroke Ranges	3175 mm[125 in]
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Cable Actuated Position Sensor Accuracy	.5 % of FS
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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: 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](#)



Cable Actuated Position Sensors(12)

Customers Also Bought



TE Part #499252-4
Bus Connector: Strain Relief, ATA



TE Part #1-1658622-0
50 NOVO MIL/CTR 30DP, LEAD FREE



TE Part #1658622-8
34 NOVO MIL/CTR 30DP, LEAD FREE



TE Part #SP44905X-16
44905X GSFC 311P18-05A7R6



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



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



TE Part #9603820-0001
SUBASSY, CSA BOARD TESTED



TE Part #04-1103-0008
PT1MA-20-UP-420E-M6



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](#)



English

Customer View Model

[ENG_CVM_CVM_SR1M-125_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

SR1M

English