



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



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

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

Output Signal Type: **4 – 20 mA**

Accuracy: **±.5 % of FS**

Repeatability: **.02 % of FS**

[All IP67 String Pots, 4-20Ma Output, SR1M \(2\)](#)

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	±.5 % of FS
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Digital Resolution	16 bit
Output Signal Type	4 – 20 mA

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) 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



TE Part # CAT-CAPS0073

IP67 String Pots, VDC Output, SR1V

Also in the Series | MEAS SR



Cable Actuated Position Sensors(12)

Customers Also Bought



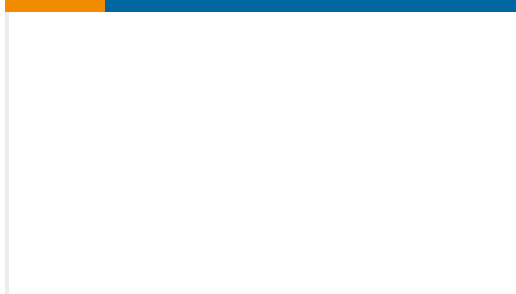
TE Part #1546413-3
ETHERNET RJ-45 BLKHD PASSTHRU



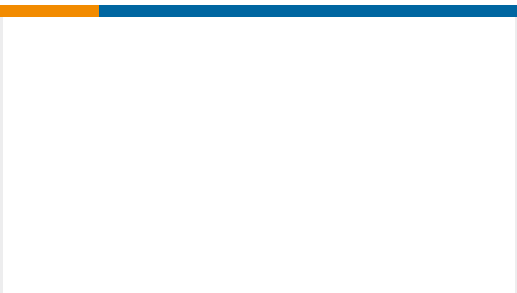
TE Part #SR1E-125
STRING POT, 125 INCH RANGE



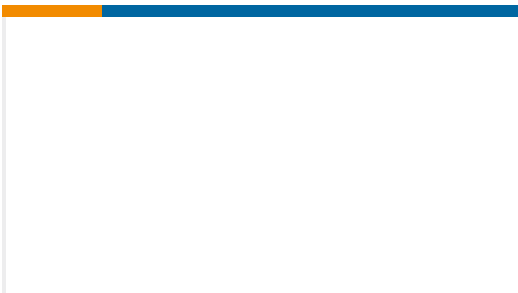
TE Part #SR1M-175
STRING POT, 175 INCH RANGE



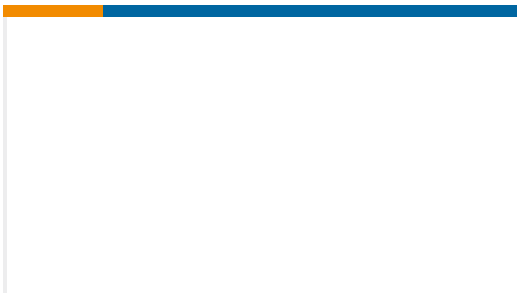
TE Part #9000451-0005
WASHER, SHIM, PER DWG 650482



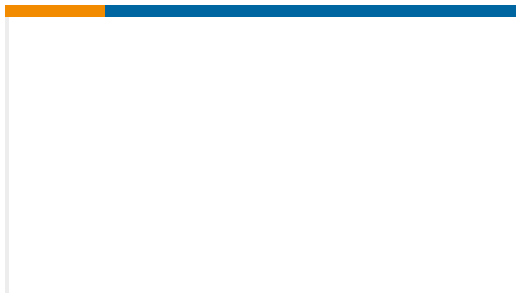
TE Part #9085000-0010
POT,10T,5K,0.10%, PER 650573



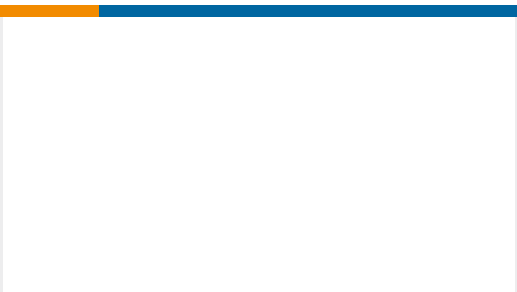
TE Part #9603820-0001
SUBASSY,CSA BOARD TESTED



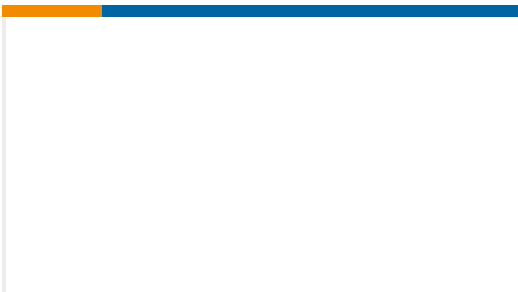
TE Part #9604197-0000
SUBASSY,ALUM COVER, MT2A



TE Part #9678173-0000
BRACKET,MOUNTING,ALUM,PT9000



TE Part #20003657-00
PT5AV-150-N34-UP-500-M6M: CTO-11500000-2



TE Part #04-0994-0256
PT8600-0025-111-F01

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

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

Datasheets & Catalog Pages

[SR1M](#)

English