



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 |
|------------------------------|-----------------------------|

Body Features

| | |
|---------------|--|
| Case Material | Polycarbonate + Stainless Mounting Bracket |
|---------------|--|

Dimensions

| | |
|-------------------|-----------------|
| Full Stroke Range | 3175 mm[125 in] |
|-------------------|-----------------|

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 |
|-----------|------|

Other

| | |
|---------------|-------------|
| 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 2025 (247) 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 #2112297-1
PROTECTION CAP, GROUP E, ASSY



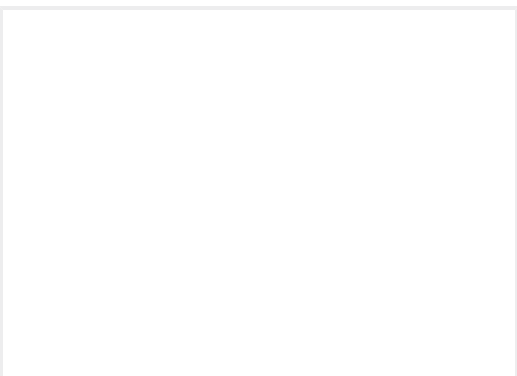
TE Part #4-1393249-3
W58-XC4C12A-20=W58



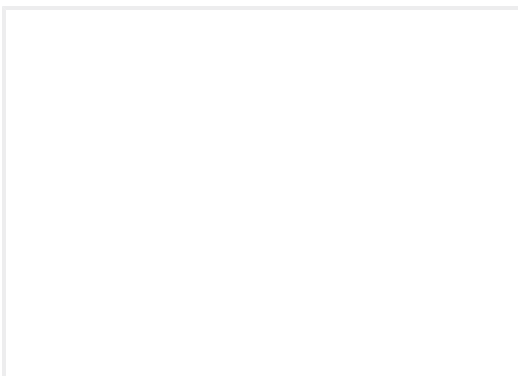
TE Part #SP2-12
STRING POT 12.5 INCH RANGE



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



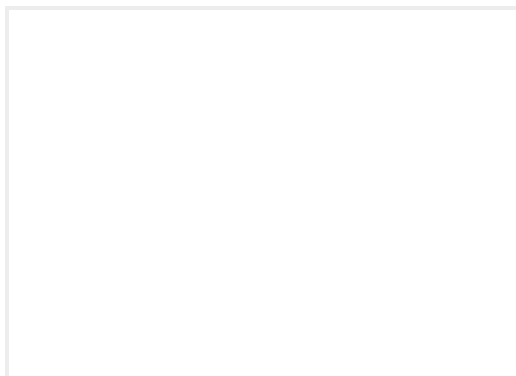
TE Part #04-0988-0847
PT9600-0600-113-S02



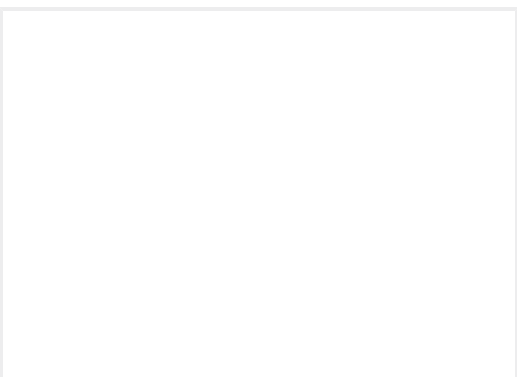
TE Part #04-0994-0256
PT8600-0025-111-F01



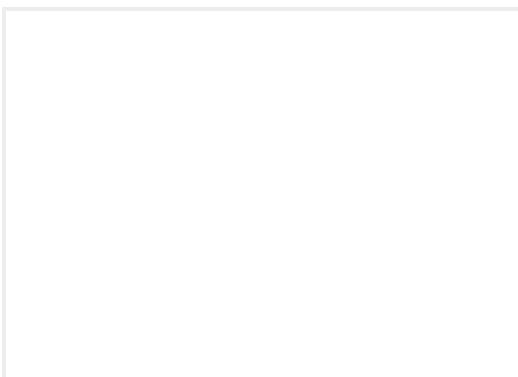
TE Part #SPD-25-3
STRING POT 25 INCH RANGE



TE Part #9677811-0002
LEAD SCREW, PT9000, 1/4-40



TE Part #73350011-000
JC GCD-SE-600 TYPE-4080



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

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