

### MEAS | MEAS SG

TE Internal #: SG1-120-3

TE Internal Description: STRING POT, 120 INCH RANGE

View on TE.com >



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors



Position Sensor Product Type: SG Series String Pots

Full Stroke Range: 3048 mm [ 120 in ]

Output Signal Type: Voltage Divider (Potentiometric)

Accuracy: ±.35 % of FS
Repeatability: .02 % of FS

### **Features**

SG Series String Pots  Polycarbonate + Stainless Mounting
Bracket
3048 mm[120 in]
±.35 % of FS
-40 – 71 °C[-40 – 160 °F]
Voltage Divider (Potentiometric)
IP50
No
.02 % of FS

Nylon-Coated Stainless Steel

Measuring Cable



## **Product Compliance**

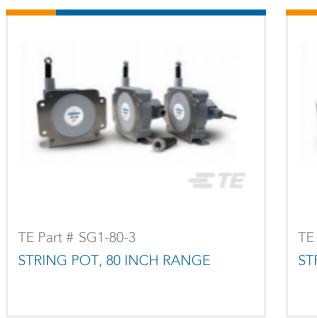
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
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) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (3% in Component) 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.
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





Also in the Series | MEAS SG





# Customers Also Bought



















## **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_SG1-120-3\_1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_SG1-120-3\_1.3d\_igs.zip



English

**Customer View Model** 

ENG\_CVM\_CVM\_SG1-120-3\_1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SG1

English