

MEAS | MEAS SP

TE Internal #: SE1-50

TE Internal Description: STRING ENCODER,50 INCH RANGE

SE1 String Pot Incremental Encoder

View on TE.com >



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > SE1 String Pot Incremental Encoder



Position Sensor Product Type: **SE1 - Compact String Pot**

Full Stroke Range: 635 mm, 1270 mm [50 in]
Output Signal Type: Incremental Encoder

Accuracy: ±.1 % of FS
Repeatability: .02 % of FS

All SE1 String Pot Incremental Encoder (2)

Features

Product Type Features	
Position Sensor Product Type	SE1 - Compact String Pot
Body Features	
Case Material	Polycarbonate + Stainless Mounting Bracket
Dimensions	
Full Stroke Range	635 mm, 1270 mm[50 in]
Usage Conditions	
Accuracy	±.1 % of FS
Operating Temperature Range	-10 - 85 °C[14 - 185 °F]
Operation/Application	
Resolution	1432 ppmm
Output Signal Type	Incremental Encoder
Industry Standards	
IP Rating	IP50

No

Hazardous Area Approval



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
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
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

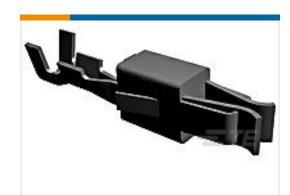


Also in the Series | MEAS SP





Customers Also Bought



TE Part #1-927770-1

JPT REC 2.8 Contact SWS Au



TE Part #02560411-000 LVDT MHR 500 ASSY



TE Part #SP3-25 STRING POT 25 INCH RANGE



TE Part #ASDD106-09SA-HE
INLINE RECEPT ASSY. ASDD 9 WAY.



TE Part #AS212-35PN RECEPT.BOX MTG.TYPE 2



TE Part #AS612-35SN
PLUG BOOT TERMIN'N TYPE 6



TE Part #ASL006-05SD-HE RECEPT.ASSY. 2 HOLE MNT.MICRO MK3



TE Part #ASL006-05SN-HE
RECEPT.ASSY. 2 HOLE MNT.MICRO



TE Part #ASL606-05PN-HE PLUG ASSY. AS MICRO MK3.

TE Part #604992-HE
PCB SKT ASSY.#23. AS MICRO MK3.

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SE1-50_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SE1-50_A.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_SE1-50_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

SE1

English