



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > Voltage Divider Mini String Pot



Position Sensor Product Type: **SM, Mini String Pot Series**

Full Stroke Range: **63.5 – 635 mm [25 in]**

Output Signal Type: **Voltage Divider (Potentiometric)**

Accuracy: **±.25 % of FS**

Repeatability: **.02 % of FS**

[All Voltage Divider Mini String Pot \(4\)](#)

Features

Product Type Features

Position Sensor Product Type	SM, Mini String Pot Series
------------------------------	----------------------------

Dimensions

Full Stroke Range	63.5 – 635 mm[25 in]
-------------------	----------------------

Operation/Application

Output Signal Type	Voltage Divider (Potentiometric)
--------------------	----------------------------------

Usage Conditions

Accuracy	±.25 % of FS
----------	--------------

Operating Temperature Range	-18 – 71 °C[0 – 160 °F]
-----------------------------	-------------------------

Other

Repeatability	.02 % of FS
---------------	-------------

Encoder Drive	No
---------------	----

Measuring Cable	Nylon-Coated Stainless Steel
-----------------	------------------------------

EU RoHS Compliance	Compliant with Exemptions
--------------------	---------------------------

Body Features

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



Industry Standards

IP Rating	IP51
Hazardous Area Approval	None

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) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (2.2% in Component part) 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



TE Part # CAT-CAPS0066
Voltage Divider Mini String Pot



TE Part # CAT-CAPS0065
Shielded Cable Mini String Pot



Also in the Series | [MEAS SM](#)



[Cable Actuated Position Sensors\(8\)](#)

Customers Also Bought



TE Part #HDP24-18-14PN
[REC, 14P, BLK, N, 16, P](#)



TE Part #T4061310004-001
[M8 CABLE ST FEMALE 0.5M 4POS
PVC CABLE](#)



TE Part #1623773-7
[C10 100R 5% \(LOOSE\)](#)



TE Part #2-1393047-5
[RESOLVER V23401-S1001-B101](#)



TE Part #HD14-9-16P
[REC, 9P, GRY, N, 16](#)



TE Part #SM2-7
[STRING POT, 7.5 INCH RANGE](#)



TE Part #TCX3872A202-002
[RPC-M12X-8MS-1.0SH-RJ45-8MS-TPE](#)



TE Part #926476-5
[MOD 4 HSG](#)



TE Part #2278742-3
[HD CAMERA FAKRA HEADER, ONE
POST TYPE](#)



TE Part #0834416001
[DR-25-1-0-RSU-4M](#)

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_SM2-25_1.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG_CVM_CVM_SM2-25_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SM2-25_1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SM2](#)

English