PT1A-40-UP-10K-MC4-SG ✔ ACTIVE

MEAS | MEAS PT1

TE Internal #: 04-1103-5092

TE Internal Description: PT1A-40-UP-10K-MC4-SG
VOLTAGE DIVIDER PT1 STRING POT

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Position Sensor Product Type: **Instrument Grade Potentiometer, Miniature String Potentiometer**

Full Stroke Range: **1016 mm [40 in]**

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

Accuracy: **±.1 % of FS**

Repeatability: **.02 % of FS**

All VOLTAGE DIVIDER PT1 STRING POT (131)

Features

Product Type Features

Position Sensor Product Type	Instrument Grade Potentiometer, Miniature String Potentiometer

Body Features

Case Material	Aluminum + Polycarbonate

Dimensions

Full Stroke Range	1016 mm[40 in]

Usage Conditions

Accuracy	±.1 % of FS
Operating Temperature Range	-40 – 90 °C[-40 – 200 °F]

Operation/Application

Output Signal Type	Voltage Divider (Potentiometric)

Industry Standards

IP Rating	IP65

Other

Encoder Drive	No
Repeatability	.02 % of FS

Measuring Cable	.019 Inch Dia 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 2025 (250) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

Also in the Series | MEAS PT1



Cable Actuated Position Sensors(437)

Documents

Datasheets & Catalog Pages

PT1A

English

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