



MEAS | MEAS PT101

TE Internal #: 04-0760-0047

TE Internal Description: PT101-0015-111-3110

VOLTAGE DIVIDER STRING POT

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Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > VOLTAGE DIVIDER STRING POT



Cable Actuated Position Sensor Product Type: **Classic String Pot Series**

Full Stroke Ranges: **381 mm [ 15 in ]**

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

Cable Actuated Position Sensor Accuracy: **.15 % of FS**

Repeatability: **.02 % of FS**

[All VOLTAGE DIVIDER STRING POT \(10\)](#)

## Features

### Product Type Features

Cable Actuated Position Sensor Product Type	Classic String Pot Series
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### Signal Characteristics

Output Signal	Voltage Divider (Potentiometric)
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### Body Features

Cable Actuated Position Sensor Housing Material	Aluminum
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### Usage Conditions

Operating Temperature Range	-40 – 93 °C[-40 – 200 °F]
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### Operation/Application

Resolution	Continuous Analog mm
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### Industry Standards

IP Rating	IP50
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Hazardous Area Approval	No
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### Other

Full Stroke Ranges	381 mm[15 in]
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Cable Actuated Position Sensor Accuracy	.15 % of FS
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Repeatability	.02 % of FS
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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: JUNE 2023 (235) 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 PT101](#)



Cable Actuated Position Sensors(10)

### Customers Also Bought



TE Part #0462-201-1631  
SOC, SOLID, SIZE 16, 16-20AWG, AU



TE Part #1-794610-1  
MICRO MNL RPT CNT,LS PC 15AU L



TE Part #1445049-4  
FREE HANG SNGL ROW HSG 4 POS



TE Part #1622796-1  
YR1 0.1% 100K



TE Part #8478290001  
RPS-1K-10-2/2.0-9



TE Part #1586344-1  
MICRO MATENLOK EXTRACTION  
TOOL

### Documents

#### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_04-0760-0047\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_04-0760-0047\\_1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_04-0760-0047\\_1.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

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

#### Datasheets & Catalog Pages

[PT101](#)

English

