# MT3A-30E-33-10K-C5 ✔ ACTIVE

MEAS | MEAS MT Mini-Test

TE Internal #: 04-1288-0035

TE Internal Description: MT3A-30E-33-10K-C5

MT3A Mini IP67 String Potentiometer

View on TE.com >

Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > MT3A Mini IP67 String Potentiometer



Position Sensor Product Type: **Miniature String Potentiometer**

Full Stroke Range: **762 mm [ 30 in ]**

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

Accuracy: **±.15 % of FS**

Repeatability: **.02 % of FS**

All MT3A Mini IP67 String Potentiometer (83)

## Features

### Product Type Features

| | |
|---|---|
| Position Sensor Product Type | Miniature String Potentiometer |

### Body Features

| | |
|---|---|
| Case Material | Aluminum |

### Dimensions

| | |
|---|---|
| Full Stroke Range | 762 mm[30 in] |

### Usage Conditions

| | |
|---|---|
| Accuracy | ±.15 % of FS |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

### Operation/Application

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

### Industry Standards

| | |
|---|---|
| IP Rating | IP67 |

### Other

| | |
|---|---|
| Encoder Drive | No |
| Repeatability | .02 % of FS |
| Measuring Cable | .019 Inch Dia Nylon-Coated Stainless Steel |

MT3A-30E-33-10K-C5

## 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 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (3.5% in Component Part)<br>**Article Safe Usage Statements:**<br>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 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



TE Part # 04-1288-0045
MT3A-30E-33-10K-C4A

## Also in the Series | MEAS MT Mini-Test



Cable Actuated Position Sensors(278)

## Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #DT06-2S
PLG, 2P, GRY, N



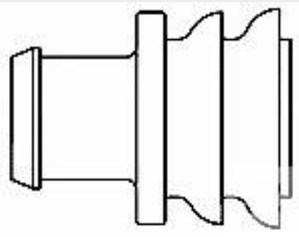
TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

## Documents

### CAD Files

Customer View Model

ENG_CVM_CVM_04-1288-0035_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_04-1288-0035_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_04-1288-0035_1.3d_igs.zip

English

3D PDF

3D

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

### Datasheets & Catalog Pages

MT3A

English