



MEAS | MEAS PT9600

TE Internal #: 04-0988-0758

TE Internal Description: PT9600-0250-122-S02

STRING ENCODER MODULE

[View on TE.com >](#)

Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > STRING ENCODER MODULE



Position Sensor Product Type: **String Encoder**

Full Stroke Range: 6350 mm [ 250 in ]

Accuracy:  $\pm 0.04$  % of FS

Repeatability:  $.02$  % of FS

Case Material: Aluminum

[All STRING ENCODER MODULE \(253\)](#)

## Features

### Product Type Features

Position Sensor Product Type	String Encoder
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### Body Features

Case Material	Aluminum
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### Dimensions

Full Stroke Range	6350 mm[250 in]
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### Usage Conditions

Accuracy	$\pm 0.04$ % of FS
Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]

### Other

Encoder Drive	Yes
Repeatability	$.02$ % of FS
Measuring Cable	.047 Inch Dia Stainless Steel

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC

Out of Scope

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)  
 Candidate List Declared Against: JAN 2025 (247)  
 SVHC > Threshold:  
 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (5.3% in 20973981313)  
 Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part)

**Article Safe Usage Statements:**

Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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>

**Also in the Series | MEAS PT9600**

Cable Actuated Position Sensors(291)

**Documents****Datasheets & Catalog Pages**

PT9600

English

