PT420-0040-111-1210 ✔ ACTIVE

MEAS | MEAS PT420

TE Internal #: 04-0847-0061

TE Internal Description: PT420-0040-111-1210

4-20MA CLASSIC STRING POT

View on TE.com >

Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > 4-20MA CLASSIC STRING POT



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

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

Output Signal Type: **20 – 4 mA**

Accuracy: **±.15 % of FS**

Repeatability: **.05 % of FS**

All 4-20MA CLASSIC STRING POT (185)

Features

Product Type Features

Position Sensor Product Type	Industrial String Potentiometer, Instrument Grade Potentiometer

Body Features

Case Material	Aluminum

Dimensions

Full Stroke Range	1016 mm[40 in]

Usage Conditions

Accuracy	±.15 % of FS
Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]

Operation/Application

Output Signal Type	20 – 4 mA

Industry Standards

IP Rating	IP50

Other

Encoder Drive	No
Repeatability	.05 % of FS

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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	Not Compliant
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) Pb (70% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. 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 PT420

PT420-0040-111-1210



Cable Actuated Position Sensors(185)

Customers Also Bought



TE Part #02350503-000
GA-HD GCA-121-1000 ASSY



TE Part #04-0974-0071
PT9101-0150-121-4110



TE Part #04-0979-0587
PT9420-0300-213-1110



TE Part #04-1103-1379
PT1E-50-UP-250-AB-TTL-M6-SG



TE Part #SP1-4
STRING POT 4.75 INCH RANGE



TE Part #04-1103-0029
PT1MA-50-UP-420E-M6



TE Part #SPD-25-3
STRING POT 25 INCH RANGE



TE Part #SGD-120-3
STRING POT, 120 INCH RANGE



TE Part #SP2-25
STRING POT 25 INCH RANGE



TE Part #04-0981-0237
PT8420-0060-111-1120

Documents

Datasheets & Catalog Pages

PT420

English