SKD-250-3 ✔ ACTIVE

MEAS | MEAS SK

TE Internal #: SKD-250-3

TE Internal Description: 250 IN 0-10V / 4-20MA IP67 STRING POT

IP67 String Potentiometer, 0-10V / 4-20MA

View on TE.com >

Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > IP67 String Potentiometer, 0-10V / 4-20MA



Position Sensor Product Type: **SK Series, IP67 String Pots**

Full Stroke Range: **6350 mm [250 in]**

Output Signal Type: **0 – 10 VDC, 4 – 20 mA**

Accuracy: **±.35 % of FS**

Repeatability: **.02 % of FS**

All IP67 String Potentiometer, 0-10V / 4-20MA (2)

Features

Product Type Features

Position Sensor Product Type	SK Series, IP67 String Pots

Body Features

Case Material	Polycarbonate + Stainless Mounting Bracket

Dimensions

Full Stroke Range	6350 mm[250 in]

Usage Conditions

Accuracy	±.35 % of FS
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Output Signal Type	0 – 10 VDC, 4 – 20 mA

Industry Standards

IP Rating	IP67
Hazardous Area Approval	None

Other

Encoder Drive	No

Repeatability	.02 % of FS
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	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: Pb (20% in Component Part) **Article Safe Usage Statements:** 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 # SK1-250-3
250 IN VOLTAGE DIVIDER STRING POT



TE Part # SKJ-250-4
250 IN CANJ1939 IP67 STRING POT



TE Part # SKH-250-4
250 IN CANOPEN IP67 STRING POT



TE Part # SKD-400-3
400 IN 0-10V / 4-20MA IP67 STRING POT

Also in the Series | MEAS SK



Cable Actuated Position Sensors(10)

Customers Also Bought

TE Part #1SNA115414R0200
MB6/8.L3



TE Part #TRA6927M3NB-001
OMNI,Ph,NMO,698/1710 MHz BK,3 dBi,100W,



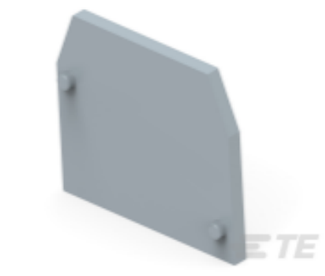
TE Part #M3041-000005-100PG
PRESS XDCR M3041-000005-100PG



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



TE Part #T2040104101-000
HE-010-MC



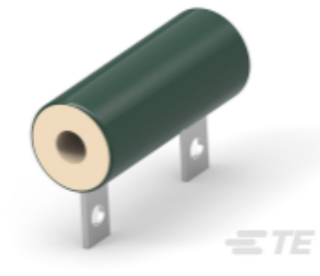
TE Part #1SNA118368R1600
FEM6



TE Part #206153-1
11-4 F.H. RECEPT. STD. SEX



TE Part #7-215083-8
MICRO-MATCH MOW.08P



TE Part #2176723-8
VE 70W 10R 5% Solder Lug



TE Part #1-2273007-4
M8 x 1.0 straight socket Pigtail Shld

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SKD-250-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SKD-250-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_SKD-250-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

SKD

English