



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > IP67 String Potentiometer CANJ1939



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

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

Output Signal: **CAN J1939**

Cable Actuated Position Sensor Accuracy: **.35 % of FS**

Repeatability: **.02 % of FS**

[All IP67 String Potentiometer CANJ1939 \(2\)](#)

## Features

### Product Type Features

Cable Actuated Position Sensor Product Type	SK Series, IP67 String Pots
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### Signal Characteristics

Output Signal	CAN J1939
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### Body Features

Cable Actuated Position Sensor Housing Material	Polycarbonate + Stainless Mounting Bracket
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### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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### Operation/Application

Resolution	12 bit mm
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### Industry Standards

IP Rating	IP67
Hazardous Area Approval	No

### Other

Full Stroke Ranges	6350 mm[250 in]
Cable Actuated Position Sensor Accuracy	.35 % of FS



Repeatability	.02 % of FS
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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
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



TE Part # SK1-250-3  
250 IN VOLTAGE DIVIDER STRING POT



TE Part # SKD-250-3  
250 IN 0-10V / 4-20MA IP67 STRING POT



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



TE Part # SKJ-400-4  
400 IN CANJ1939 IP67 STRING POT

Also in the Series | **MEAS SK**



Cable Actuated Position Sensors(10)

## Customers Also Bought



TE Part #DT06-08SA-C017  
PLG, 8P, GRY, BLOCKED, A

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_SKJ-250-4\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_SKJ-250-4\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_SKJ-250-4\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### SKJ

English