20029369-01 ! PRELIMINARY

TE Internal #: 20029369-01

TE Internal Description: NTC Cylinder Motor temperature sensor

View on TE.com >

Sensors > Temperature Sensors > NTC Sensors > NTC Probes

NTC Probe Type: **Temperature**

Electrical Connection: **Cable**

Resistance (at 25°C): **96 kΩ**

Sensor Package: **Plastic Housing**

Features

Product Type Features

NTC Probe Type	Temperature
Sensor Package	Plastic Housing

Configuration Features

Electrical Connection	Cable

Usage Conditions

T_ref for Resistance	150 °C[302 °F]
Operating Temperature Range	-40 – 200 °C[-40 – 392 °F]
Resistance (at 25°C)	96 kΩ

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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241)

	Does not contain REACH SVHC
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 # 20029369-00
NTC Rectangle Motor temperature sensor

TE Part # 20031343-01
NTC Cylinder Motor temperature sensor

TE Part # 20031343-00
NTC Rectanglar Motor temperature sensor

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_20029369-01_1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_20029369-01_1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_20029369-01_1.3d_stp.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

NTC_Motor_Platform_temperature_sensor

English