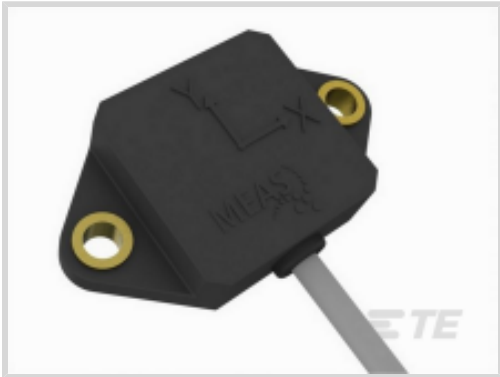




Sensors > Position Sensors > Tilt Sensors & Inclinometers



Measurement Principle: **MEMS**
Sensor Package: **Plastic Housing**
Measurement Axes: **Single Axis**
Measurement Ranges: **up to +/- 180 °**
Housing Width: **Up to 70 mm**

Features

Product Type Features

Sensor Package	Plastic Housing
Interface Signal Type	Analog

Configuration Features

Electrical Connection	Connector TE/AMP
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Electrical Characteristics

Analog Interface Voltage	.5 – 4.5 V
Supply Voltage	8 – 30 VDC

Body Features

Product Orientation	Horizontal
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Dimensions

Resolution	up to +/- .01 °
Measurement Ranges	up to +/- 180 °
Housing Width	Up to 70 mm
Accuracy	up to +/- .5 °

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Measurement Principle	MEMS

Industry Standards



IP Rating	IP67
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Other

Measurement Axes	Single Axis
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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: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (.11% 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 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>

Customers Also Bought



TE Part #CAT-HST-LSTT1
LSTT1 Heat Shrink Tubing



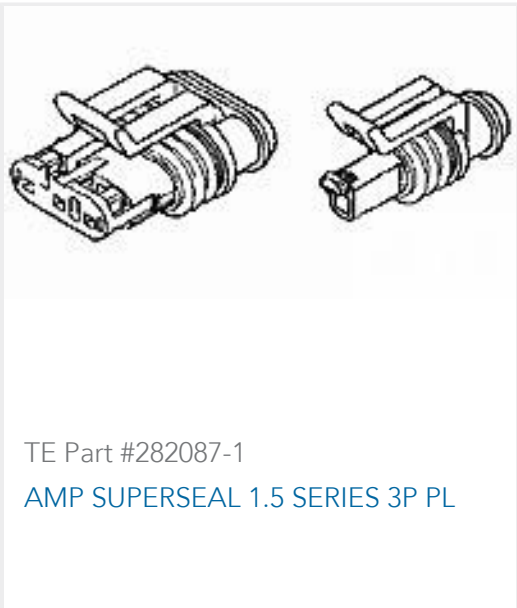
TE Part #HDC34-24
DUST CAP, 24SZ, PLG, AL, LANYARD, HD30



TE Part #0462-201-20141
SOC, SOLID, SIZE 20, 20AWG, NI



TE Part #CAT-D487-B128
DEUTSCH DT Backshells



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_G-NSDOG1-006_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_G-NSDOG1-006_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_G-NSDOG1-006_A.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[AXISENSE-1 SERIES VOLTAGE TILT SENSOR](#)

English

Product Specifications

[Application Specification](#)

English