



Sensors > Position Sensors > Tilt Sensors & Inclinometers > AXISENSE-2 Dual Axis Tilt Sensors



Measurement Principle: **MEMS**  
Tilt Sensor & Inclinometer Package: **Plastic Housing**  
Tilt Sensor & Inclinometer Mounting: **Horizontal**  
Measurement Axes: **Dual Axis**  
Operating Temperature Range: **-40 – 85 °C**

[All AXISENSE-2 Dual Axis Tilt Sensors \(2\)](#)

Features

Configuration Features

Interface	Digital
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Electrical Characteristics

Voltage Supply	8 – 30 VDC
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Termination Features

Tilt Sensor & Inclinometer Mounting	Horizontal
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Dimensions

Measurement Ranges	up to +/- 90 °
Dimension	up to 70 mm
Tilt Sensor & Inclinometer Accuracy	up to +/- .3 °
Resolution	up to +/- .01 °

Usage Conditions

Measurement Principle	MEMS
Operating Temperature Range	-40 – 85 °C

Industry Standards

IP Rating	IP67
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Packaging Features

Tilt Sensor & Inclinator Package	Plastic Housing
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Other

Measurement Axes	Dual Axis
Interface Digital	CAN J1939
Connection	Connector TE/AMP

Product Compliance

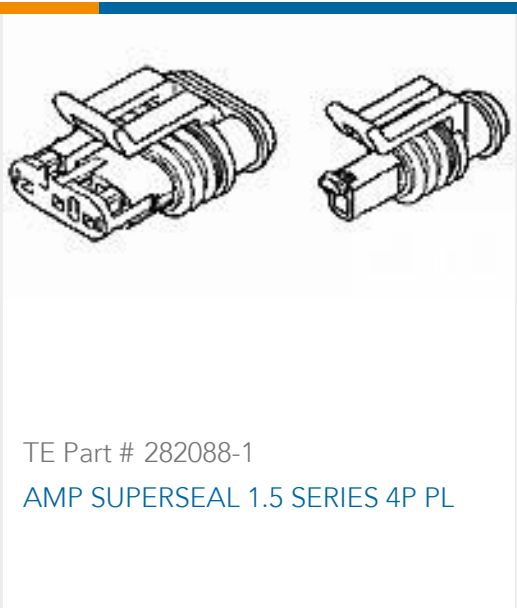
For compliance documentation, visit the product page on [TE.com](#)>

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (.11% in Component Part) <b>Article Safe Usage Statements:</b> 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

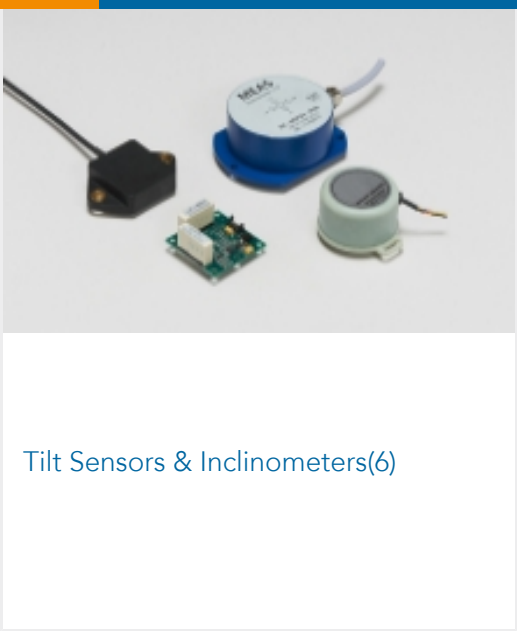
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts

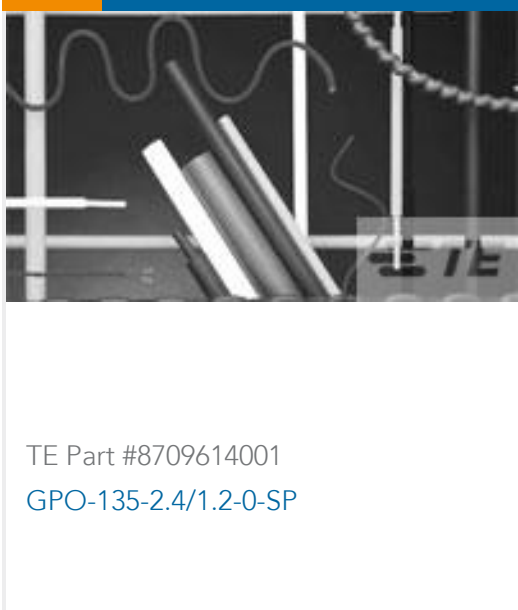


Also in the Series

MEAS AXISENSE-2



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_G-NSDOG2-200\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_G-NSDOG2-200\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_G-NSDOG2-200\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AXISENSE-2 SERIES CAN J1939 TILT SENSOR

English

Product Specifications

Application Specification

English