

AXISENSE-2-200

✓ ACTIVE

[MEAS](#) | [MEAS AXISENSE-2](#)

TE Internal #: G-NSDOG2-200

TE Internal Description: AXISENSE-2 CAN J1939-90 TILT SENSOR F

MT

AXISENSE-2 Dual Axis Tilt Sensors

[View on TE.com >](#)



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

Electrical Characteristics

Voltage Supply

8 – 30 VDC

Termination Features

Tilt Sensor & Inclinometer Mounting

Horizontal

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

Packaging Features

Tilt Sensor & Inclinometer Package

Plastic Housing

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)

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

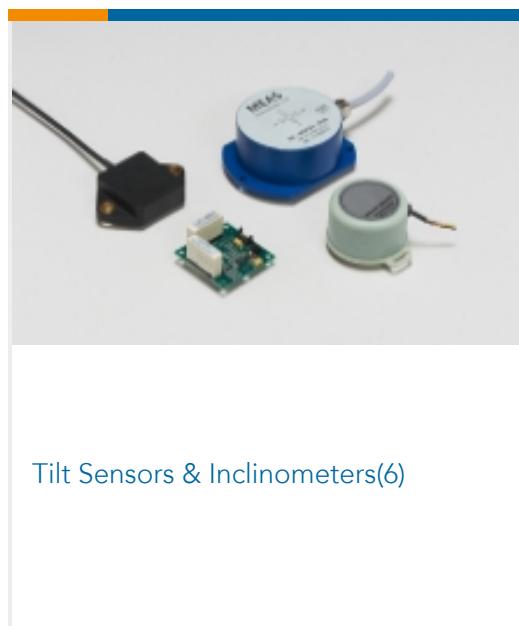
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Compatible Parts



TE Part # 282088-1
AMP SUPERSEAL 1.5 SERIES 4P PL

Also in the Series | MEAS AXISENSE-2



Tilt Sensors & Inclinometers(6)

Customers Also Bought



TE Part #63895-1
GROUND CLIP 14-18AWG ST



TE Part #8709614001
GPO-135-2.4/1.2-0-SP



TE Part #3-967629-1
TAB HOUSING, 2.8MM, 18POS.



TE Part #DT06-12SD-C017
PLG, 12P, BRN, BLOCKED, D



TE Part #1-2364901-2
36POS. AMP MCP 1,5K, REC HSG
ASSY, UNSLD



TE Part #2306286-4
4P DUOPLUG MARK II SIDE
LOCKING, FUL



TE Part #2306286-5
5P DUOPLUG MARK II SIDE
LOCKING, FUL



TE Part #2306286-9
9P DUOPLUG MARK II SIDE
LOCKING, FUL



TE Part #7-147729-0
21 MODIV VRT SR SFMNT SN

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