



Sensors > Fluid Property Sensors > Oil Property Sensor



Fluid Property Sensor Product Type: **Oil Property Sensors**

[All Oil Property Sensor \(1\)](#)

Features

Usage Conditions

Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
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Operation/Application

Operating Range	Density from 0.65 to 1.5 g/cc, Dielectric from 1.0 to 6.0, Viscosity from 0.5 to 50 mPa-s
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Other

Package	Fully Integrated, Stand-Alone Module Combines Sensor & Processing Electronics For In-Situ Monitoring
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Fluid Property Sensor Product Type	Oil Property Sensors
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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
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (90% in Component)
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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 # CAT-HSA0004
Digital RH Temperature Pressure Sensor

Also in the Series | MEAS FPS2800



Fluid Property Sensors(1)

Customers Also Bought



TE Part #172500-1
MIC MARK-2 PLUG HSG 17P



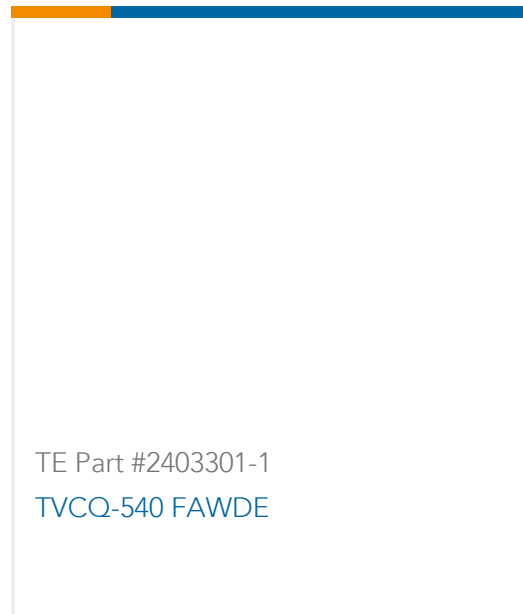
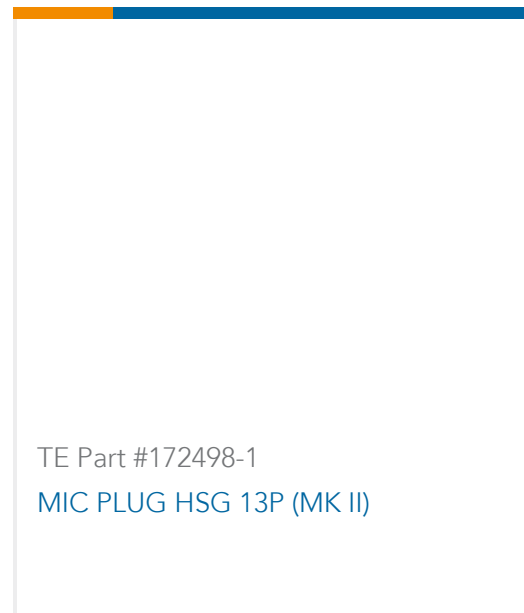
TE Part #172497-1
MIC MARK-2 PLUG HSG 11P



TE Part #175164-1
250 PL EX REC. 18-14AWG ST



TE Part #172495-1
MIC MK-II PLUG HSG 7P NATURAL



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_FPP800A110_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_FPP800A110_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_FPP800A110_F.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[FPS2800B12C4](#)

English