



Sensors > Fluid Property Sensors



Features

Product Type Features

Sensor Package	Fully Integrated, Stand-Alone Module Combines Sensor & Processing Electronics For In-Situ Monitoring
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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

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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2024 (241) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (90% in Component) 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 #T4111012041-000
M12 M, 4P GOLD A_CODE S SHIELDED PG9

TE Part #2176308-2
RP 1E 0.1W 137K 0.1% 25PPM 5K RL

TE Part #2176308-3
RP 1E 0.1W 140K 0.1% 25PPM 5K RL

TE Part #2-1703818-1
Heavy Duty Sealed Connector Series Housings





TE Part #1-964300-3
TAB A 2.8x0.8 CONTACT CS SWS Au



TE Part #1394353-2
FLACHSTE A-P 1,5



TE Part #T4112011081-000
M12 F, 8P GOLD A_CODE RA
SHIELDED PG7

TE Part #1813944-1
HIGH TEMP CABLE TIE

TE Part #ER6701-000
S01-03-RCS9376

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

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

Datasheets & Catalog Pages

FPS2800B12C4

English