



Sensors > Pressure Sensors > Board Mount Pressure Sensors

Pressure Sensor Type: **Digital Pressure Sensor**Pressure Type: **Differential**Pressure: **0 – 1.87 mmHG**Proof Pressure Range: **2 bar**

Features

Product Type Features

Sensor Package	8 pin SMD
Leg Style	SMD Pads
Pressure Sensor Type	Digital Pressure Sensor
Pressure Type	Differential

Electrical Characteristics

Supply Voltage Range	2.7 – 3.6 V
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Dimensions

Product Width	11.2 mm
Product Length	17.6 mm
Product Height	8.9 mm

Usage Conditions

Pressure	.003 bar [.362 psi]
Operating Temperature Range	-20 – 80 °C [-4 – 176 °F]

Operation/Application

Output Interface	I2C
	1 inH2O
Pressure	0 – 1.87 mmHG
Proof Pressure Range	2 bar
Output Signal Type	I2C



Pressure Accuracy	± 0.5% F.S
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Packaging Features

Sensor Port Configuration	Dual Vertical
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Other

Sensor Options	Short Tube
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_20029651-00_1.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_20029651-00_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20029651-00_1.3d_igs.zip](#)

English

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