



Sensors > Pressure Sensors > Board Mount Pressure Sensors > Medium Pressure Digital / Analog Sensor



Pressure Sensor Type: **Analog Pressure Sensor Modules, Digital Pressure and Altimeter Sensor Modules**

Pressure Type: **Gauge**

Proof Pressure Range: **25 psi**

Output Signal Type: **10 – 90% Vdc, 16 bit I2C**

Pressure Accuracy: **±1% F.S, ±1.5% F.S**

[All Medium Pressure Digital / Analog Sensor \(11\)](#)

Features

Product Type Features

Sensor Package	SOIC-10
Pressure Sensor Type	Analog Pressure Sensor Modules, Digital Pressure and Altimeter Sensor Modules
Pressure Type	Gauge

Electrical Characteristics

Supply Voltage Range	3 V
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Dimensions

Product Width	6.1 mm[.24 in]
Product Length	3.8 mm[.149 in]
Product Height	9 mm[.354 in]

Usage Conditions

Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
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Operation/Application

Output Interface	I²C
Proof Pressure Range	25 psi
Output Signal Type	10 – 90% Vdc, 16 bit I2C



Pressure Accuracy

±1% F.S, ±1.5% F.S

Packaging Features

Sensor Port Configuration	Single Vertical
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Other

Sensor Options	Barb Tube, Dual Output
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 | **SMI 4000**



Board Mount Pressure Sensors(8)

Customers Also Bought



TE Part #1-1625999-4
HSC100 1R0 5%



TE Part #3-582118-0
TEST PROBE REC130 BI BLK GPBR



TE Part #5223986-5
UPM KEYED GUIDE MODULE



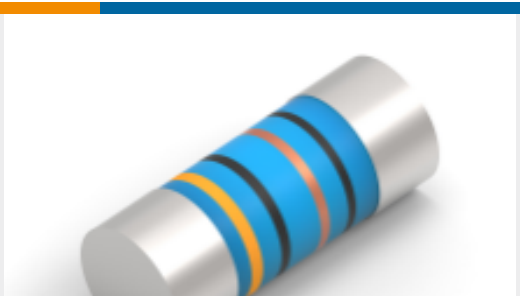
TE Part #8-1415006-1
RTH14012



TE Part #1-1123724-3
3.96EP HDR ASSY 3(5)P NATURAL



TE Part #2-1658527-0
622-1230LF=FSKT IDC S 12 30AU



TE Part #2-2176316-9
MELF SMA_A 22K 0.1% 15PPM 0207 1W



TE Part #350180
TEST PROBE ASSEMBLY, REC, PA66, BLACK



TE Part #350180-2
TEST PROBE REC130L SPCL RED GPBR



TE Part #2213837-1
ASSEM., 40MM LUMAWISE ENDURANCE S

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4291-HGE-S-500-000_1.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_4291-HGE-S-500-000_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4291-HGE-S-500-000_1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SM4000SM1000](#)

English