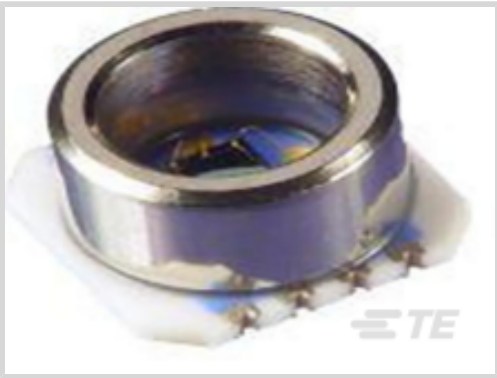




Sensors > Pressure Sensors > Board Mount Pressure Sensors > 0-1 AND 12 BAR MV OUTPUT PRESSURE SENSOR



Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge

Proof Pressure Range: 10 bar

Pressure: 12 bar

Output Signal Type: 150mV

[All 0-1 AND 12 BAR MV OUTPUT PRESSURE SENSOR \(1\)](#)

Features

Product Type Features

Sensor Package	Surface Mountable
Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Gauge

Electrical Characteristics

Supply Voltage Range	5 V
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Dimensions

Product Width	7.6 mm[.299 in]
Product Length	7.6 mm[.3 in]
Product Height	4.28 mm[.168 in]

Usage Conditions

Pressure	12 bar
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

Operation/Application

Proof Pressure Range	10 bar
Output Signal Type	150mV



Pressure Accuracy	±0.05/0.15% F.S. Non-Linearity
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Other

Sensor Options	High Linearity with Transparent Gel
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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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (2% in Component Part) <b>Article Safe Usage Statements:</b> 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 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.

Also in the Series | MEAS MS52XX



Customers Also Bought

TE Part # MS580302BA01-00  
MS5803-02BA01 DIGIT PRESSURE  
SENSOR TUBE

TE Part # 1676221-2  
RN 0805 1K0 0.1% 10PPM 1KRL

TE Part # 5103311-5  
A/L LOW PRO HDR 20P RA BLACK

TE Part # 826925-5  
5P MOD2 STIFT LEI

TE Part # 2-1625892-1  
3W SM M/OX 5% 1K0

TE Part # 104479-8  
SHORT POINT CONT PLTD SN

TE Part # 1676153-3  
RN 0805 10K 0.1% 10PPM 5KRL

TE Part # 2336713-2  
SPRING FINGER 1.45H

TE Part # 1939870-1  
SD CARD CONNECTOR EMBOSS  
ASSY

TE Part # 325412000-00  
MS5412 200MBAR ABSOLUTE BOARD  
MNT SENSOR

Documents

Datasheets & Catalog Pages

Data sheet

English

DA52XX

English