



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure Sensor Type: **Digital Pressure Sensor**

Pressure Type: **Absolute**

Output Signal Type: **24 bit ADC**

Supply Voltage Range: **3 V**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Pressure Sensor Type	Digital Pressure Sensor
Pressure Type	Absolute
Sensor Package	Threaded Process Fittings, Weldable

Electrical Characteristics

Supply Current	.0125 mA
Supply Voltage Range	3 V

Dimensions

Product Diameter	9.04 mm[.356 in]
Product Height	7.5 mm[.29 in]

Usage Conditions

Total Error Band ±	2 %
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Pressure Accuracy ±	3 %
Proof Pressure Range	2X
Output Interface	I ² C
Output Signal Type	24 bit ADC

Other

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Port Fitting	Weldable (5/16-32 UNEF-3A Thread)
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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 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

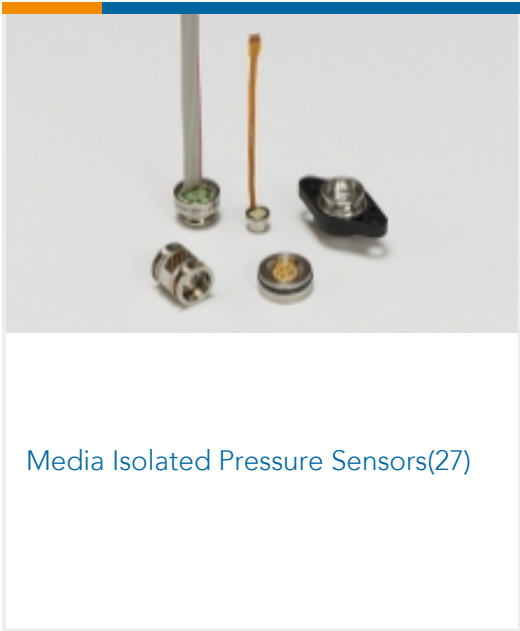
Product Compliance Disclaimer

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>

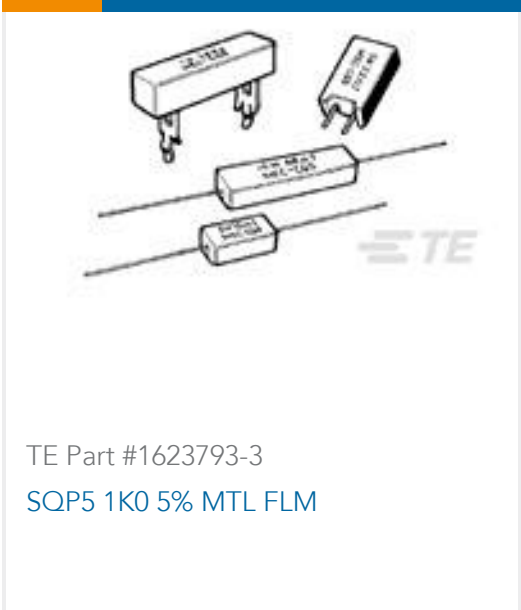
Compatible Parts



Also in the Series | MEAS 89 Series



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_89BSD-028BA-A_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_89BSD-028BA-A_C1.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_89BSD-028BA-A_C1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[89BSD](#)

English