



Sensors > Pressure Sensors > Pressure Transducers > Miniature Pressure Transducer with PT1000 Probe



Pressure Sensor Type: **Miniature Pressure Transducer**

Pressure Type: **Absolute**

Output Signal Type: **.5 – 4.5 V**

Pressure: **3.5 bar [ 50 psi ]**

Supply Voltage Range: **5 V**

[All Miniature Pressure Transducer with PT1000 Probe \(57\)](#)

Features

Product Type Features

Pressure Sensor Type	Miniature Pressure Transducer
Pressure Type	Absolute

Configuration Features

Electrical Connection	Cable 30 m
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Electrical Characteristics

Supply Voltage Range	5 V
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Body Features

Port Material	Stainless Steel
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Dimensions

Product Diameter	12 mm[.472 in]
Product Height	24 mm[.945 in]
Hex Width Across Flats	12 mm[.472 in]

Usage Conditions

Pressure	3.5 bar[50 psi]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application



Output Signal Type	.5 – 4.5 V
Proof Pressure Range	2X FS
Pressure Accuracy	±0.25% FSO

Other

Sensor Options	Compensation Temperature Range, Shielded Cable
Port Fitting	5/16-24 UNF Male

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

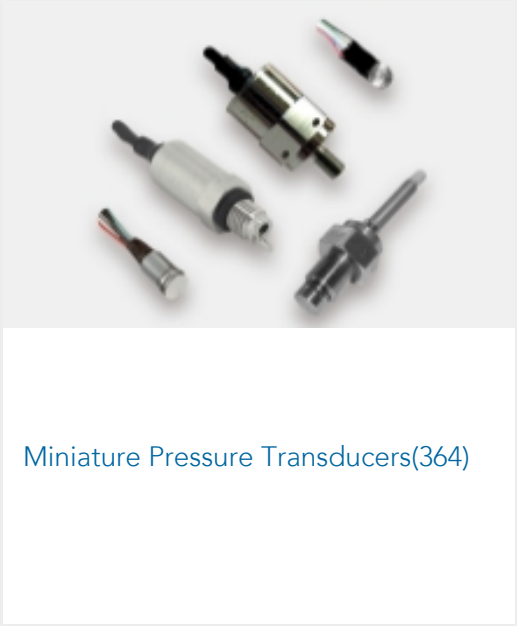
Product Compliance Disclaimer

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 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.

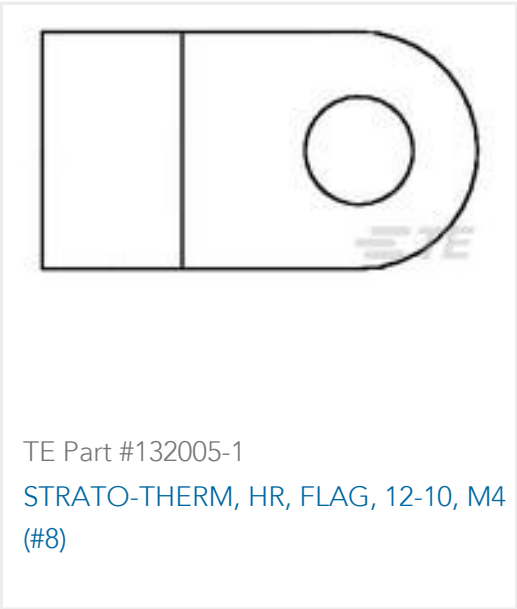
Compatible Parts



Also in the Series | **MEAS EPRB**



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_EPRB3-50PA-C00001\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_EPRB3-50PA-C00001\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_EPRB3-50PA-C00001\_1.3d\_stp.zip

English

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Datasheets & Catalog Pages

EPRB-3

English