



Sensors > Pressure Sensors > Pressure Transducers > Digital Output Pressure Transducer



Pressure Sensor Type: Industrial Pressure Transducer

Pressure: 17.23 bar [250 psi]

Pressure Type: Gauge

Supply Voltage Range: 2.7 – 5 V

Output Signal Type: 14-bitADCI2C

Features

Product Type Features

Pressure Sensor Type	Industrial Pressure Transducer
Pressure Type	Gauge

Configuration Features

Electrical Connection	Cable 2 ft
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Electrical Characteristics

Supply Voltage Range	2.7 – 5 V
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Dimensions

Product Diameter	15.87 mm[.625 in]
Product Height	17.52 mm[.69 in]

Usage Conditions

Pressure	17.23 bar[250 psi]
Operating Temperature Range	0 – 55 °C[32 – 131 °F]

Operation/Application

Output Signal Type	14-bitADCI2C
Proof Pressure Range	1.5X Rated
Pressure Accuracy	±0.5% Span

Other

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Sensor Options	IP67 Protection
Port Fitting	O-Ring Radial Seal

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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.8% in 736 RED GLUE) Article Safe Usage Statements: 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 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>

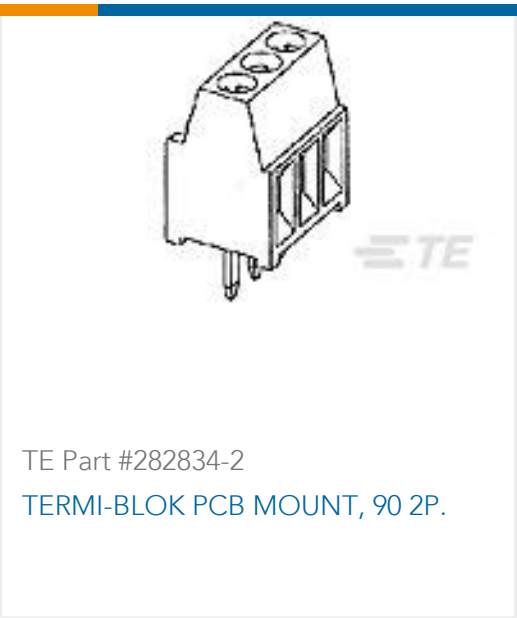
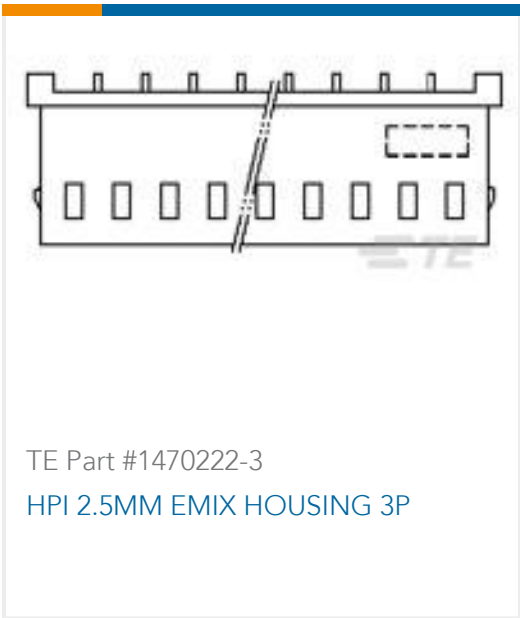
Compatible Parts



Also in the Series | MEAS MSP100



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_10201888-00_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_10201888-00_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_10201888-00_H.3d_stp.zip

English

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

Datasheets & Catalog Pages

MSP100

English

MS1J1-00000U-250PG

Industrial Pressure Transducer, Gauge, 14-bitADCI2C Output Signal Type, 1.5X Rated
Proof Pressure Range, MEAS MSP100

