



Sensors > Pressure Sensors > Pressure Transducers



Pressure Sensor Type: **Industrial Pressure Transducer**
Pressure: **7 bar [101.52 psi]**
Pressure Type: **Gauge**
Supply Voltage Range: **5 V**
Output Signal Type: **0 – 100 mV**

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	5 V
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Body Features

Port Material	17-4PH
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Dimensions

Product Height	33.02 mm[1.6 in]
Hex Width Across Flats	22.2 mm[.875 in]

Usage Conditions

Pressure	7 bar[101.52 psi]
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]

Operation/Application

Output Signal Type	0 – 100 mV
Proof Pressure Range	2X Rated



Pressure Accuracy	±1% Span
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Other

Sensor Options	None
Port Fitting	1/4 MBSPP

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 with Exemptions
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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (92.5% in Component part) Tetraglyme (2% in Component part) Article Safe Usage Statements: 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 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>

Also in the Series | MEAS MSP300



Industrial Pressure Transducers(21)



Pressure Transducers(21)

Customers Also Bought



TE Part #5558310-1
MOD/JK,ASSY,8 POS,R/A,KEY/SHLD



TE Part #1-178294-2
DYNAMIC D3100 HDR ASY 4P H K/X



TE Part #5520259-4
MJ,TE,8P,TRAYS



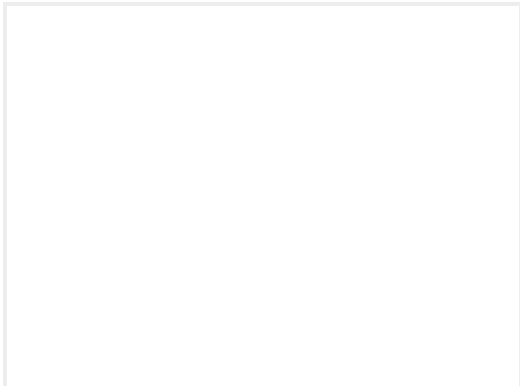
TE Part #5175475-3
CHAMP 050 BTB REC V 30P W/LEG



TE Part #CAT-D9934-A66B
Header Assembly: Wire-to-Board, 5A, gold plated



TE Part #5557730-1
MJ,TE,8P/8C,SHLD,PNL STOPS&G



TE Part #M3041-000006-500PG
PRESS XDCR M3041-000006-500PG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_M3051-000002-007BG_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_M3051-000002-007BG_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_M3051-000002-007BG_H.3d_stp.zip

English

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

Datasheets & Catalog Pages

MSP300

English

