



Sensors > Pressure Sensors > Pressure Transducers



Pressure Transducer Sensor Type: **Industrial Pressure Transducer**

Pressure Range: **0 – 7 bar**

Pressure Type: **Gauge**

Pressure Transducer Supply Voltage: **5 V**

Output/Span: **0 – 100 mV**

Features

Product Type Features

Pressure Transducer Sensor Type	Industrial Pressure Transducer
Pressure Type	Gauge

Configuration Features

Electrical Connection	Cable 2 ft
Pressure Port/Fitting	1/4 MBSPP

Electrical Characteristics

Pressure Transducer Supply Voltage	5 V
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Dimensions

Dimensions	22.23 x 22.23 x 55.88 mm [.87 x .87 x 2.2 in]
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Usage Conditions

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

Operation/Application

Proof Pressure Range	2X Rated
Pressure Range	0 – 7 bar
Output/Span	0 – 100 mV
Pressure Accuracy	±1% Span

Other



Sensor Options

None

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: JUNE 2023 (235)

Candidate List Declared Against: JUNE 2022 (224)

SVHC > Threshold:

Decamethylcyclopentasiloxane (D5) (.12% in component)

Dodecamethylcyclohexasiloxane (D6) (.26% in component)

Pb (4% in component)

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](#)



Pressure Transducers(21)

Customers Also Bought



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



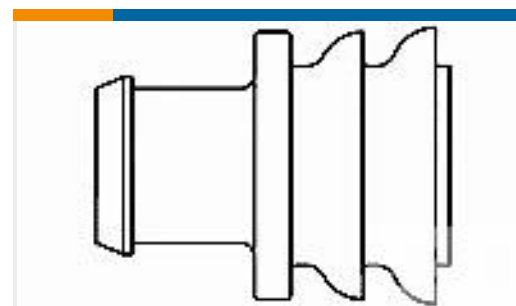
TE Part #W2P
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282080-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

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

