M3051-000002-007BG ✔ ACTIVE

MEAS | MEAS MSP300

TE Internal #: M3051-000002-007BG

Industrial Pressure Transducer, Gauge, 0 – 100 mV Output Signal Type, 2X Rated Proof Pressure Range, MEAS MSP300

View on TE.com >

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

Electrical Characteristics

Supply Voltage Range	5 V

Dimensions

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

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% in component) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.15% 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 #DT04-2P
REC, 2P, GRY, N



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



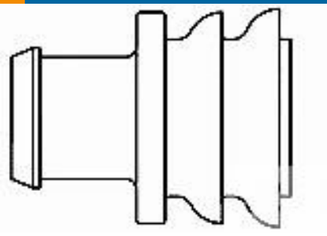
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

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