MS1S1-00000J-250PG ✔ ACTIVE

MEAS | **MEAS MSP100**
TE Internal #: 10201889-00
TE Internal Description: PRESS XDCR MS1S1-00000J-250PG

View on TE.com >

Sensors > Pressure Sensors > Pressure Transducers

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

Pressure Range: **0 – 250 psi**

Pressure Type: **Gauge**

Pressure Transducer Supply Voltage: **2.7 – 5 V**

Output/Span: **14-bitADCSPI**

Features

Product Type Features

Pressure Transducer Sensor Type	Industrial Pressure Transducer
Pressure Type	Gauge

Configuration Features

Electrical Connection	Cable 2 ft
Pressure Port/Fitting	O-Ring Face Seal

Electrical Characteristics

Pressure Transducer Supply Voltage	2.7 – 5 V

Dimensions

Dimensions	12.7 x 24.38 x 20.32 mm[.5 x .96 x .8 in]

Usage Conditions

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

Operation/Application

Proof Pressure Range	1.5X Rated
Pressure Range	0 – 250 psi
Output/Span	14-bitADCSPI
Pressure Accuracy	±0.5% Span

Other

Sensor Options	IP67 Protection

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: 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
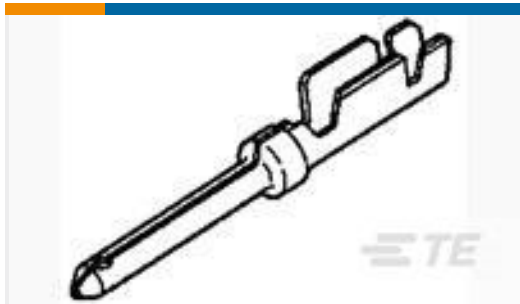
TE Part # 10201888-00
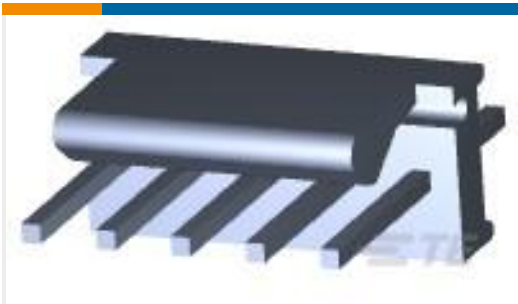PRESS XDCR MS1J1-00000U-250PG

Also in the Series | MEAS MSP100

Pressure Transducers(2)

Customers Also Bought

TE Part #1658670-2
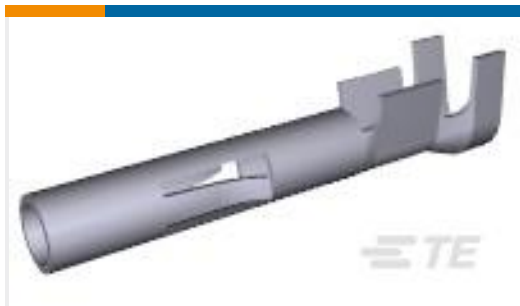PIN CONTACT,22-28 AWG, 22 DF, AMPLIMITE

TE Part #640456-5
05P MTA100 HDR ASSY F/L SQ STR

TE Part #3-2176057-3
RLP73K 3A R22 1% 1K RL
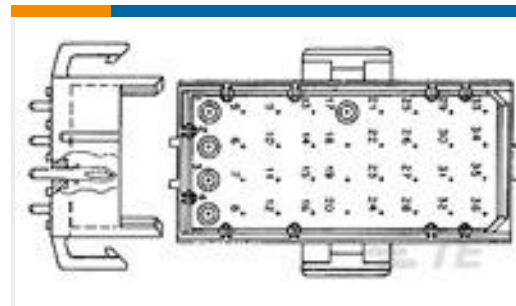
TE Part #1546413-3
ETHERNET RJ-45 BLKHD PASSTHRU

TE Part #350550-1
UMNL SOK 20-14 PTPBR L/P

TE Part #350779-1
04P UMNL PLUG HSG

TE Part #1658622-1
10 NOVO MIL/CTR 30DP,LEAD FREE

TE Part #2-640505-2
24P MR HDR ASSY VO LF

TE Part #8-1879494-9
CRGH0603 5% 4K7 0.2W

TE Part #749806-9
KIT,HDP-20,RCPT,SIZE 3, 25 POS

Documents

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_10201889-00_H.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_10201889-00_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_10201889-00_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