MS1S1-00000J-250PG ✔ ACTIVE

MEAS | MEAS MSP100
TE Internal #: 10201889-00
Industrial Pressure Transducer, Gauge, 14-bitADCSPI Output Signal, 1.5X Rated Proof Pressure Range, MEAS MSP100

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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-bitADCSPI**

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	2.7 – 5 V

Body Features

Port Material	316L

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-bitADCSPI
Proof Pressure Range	1.5X Rated

Pressure Accuracy	±0.5% Span

Other

Sensor Options	IP67 Protection
Port Fitting	O-Ring Face 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 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: JAN 2025 (247)
	SVHC > Threshold:
	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
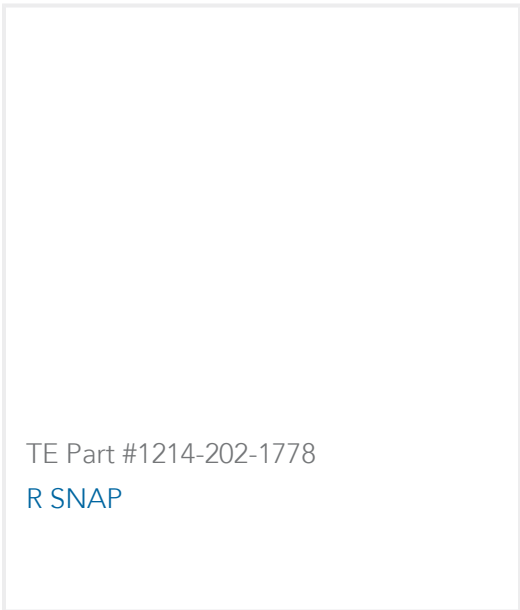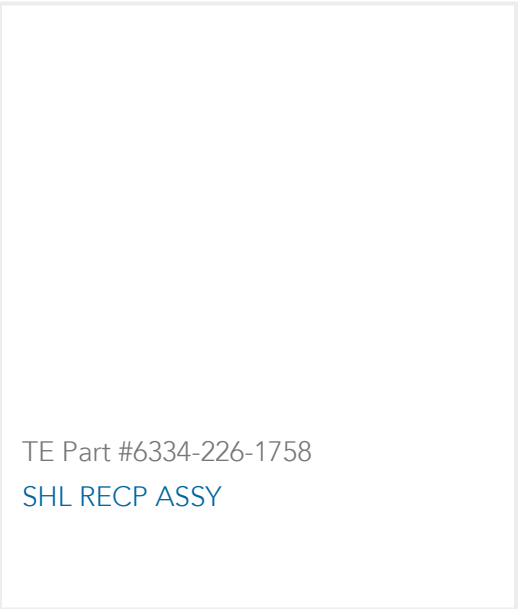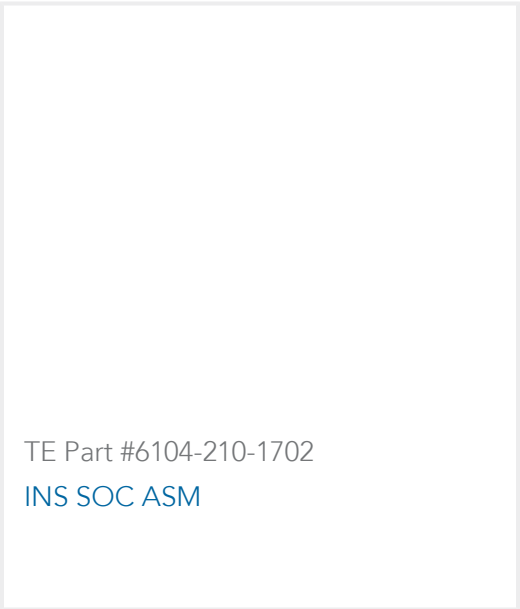
Compatible Parts

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

Also in the Series | MEAS MSP100

Industrial Pressure Transducers(3)

Pressure Transducers(3)

Customers Also Bought

TE Part #1-2308321-1
FULL METAL HOODS SIZE 2, (1)

TE Part #1-2308319-1
FULL METAL HOODS SIZE 1 (1)

TE Part #1-2308330-1
FULL METAL HOODS SIZE 4 (1)

TE Part #T4052113004-004
RPC-M8-4MS-3.0-M8-4FS-PVC

TE Part #CAT-SE594-M1FF
M12 A-Code Pigtail, Female, Straight,
Single End Cable

TE Part #T4152113008-004
RPC-M12-8MS-3.0-M12-8FS-PVC

TE Part #6104-210-1702
INS SOC ASM

TE Part #6334-226-1758
SHL RECP ASSY

TE Part #1214-202-1778
R SNAP

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