# MS1J1-00000U-250PG ACTIVE

## MEAS | MEAS MSP100

TE Internal #: 10201888-00

Industrial Pressure Transducer, Gauge, 14-bitADCI2C Output

Signal, 1.5X Rated Proof Pressure Range, MEAS MSP100

View on TE.com >



Sensors > Pressure Sensors > Pressure Transducers > Digital Output Pressure Transducer



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-bitADCl2C

#### All Digital Output Pressure Transducer (0)

Operating Temperature Range

Operation/Application

Output Signal Type

#### **Features**

### Product Type 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]

 $0 - 55 \,^{\circ}\text{C}[32 - 131 \,^{\circ}\text{F}]$ 

14-bitADCI2C



Proof Pressure Range	1.5X Rated
Pressure Accuracy	±0.5% Span

#### Other

Sensor Options	IP67 Protection
Port Fitting	O-Ring Radial 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
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

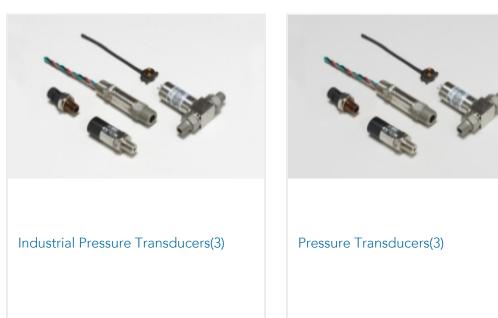
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

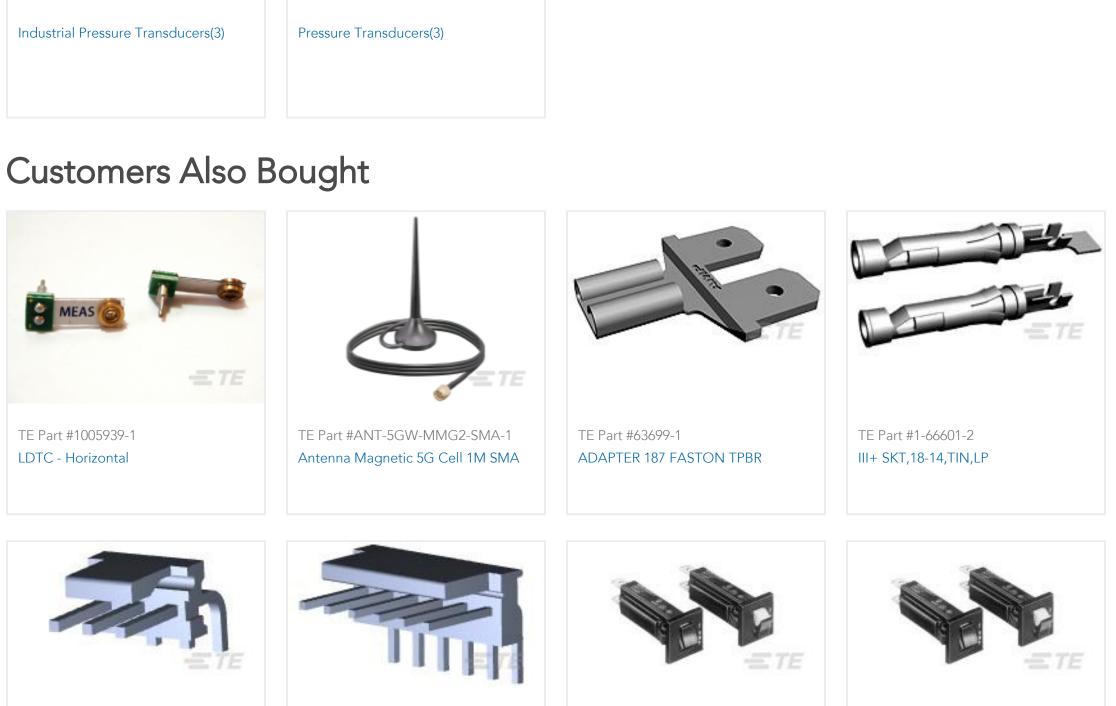
## **Compatible Parts**





### Also in the Series | MEAS MSP100





TE Part #3-1393250-4

W28-XQ1A-3=W28-

TE Part #3-1393250-7

W28-XQ1A-4=W28-



03P MTA156 HDR ASSY SQ R/A F/L

TE Part #640389-3



06P MTA100 HDR ASSY SQ R/A POL

TE Part #640455-6



### **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_10201888-00\_H.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_10201888-00\_H.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_10201888-00\_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