# M5842-000005-500PG ✔ ACTIVE

MEAS | MEAS M5800

TE Internal #: 10214514-00

Industrial Pressure Transducer, Gauge, 1 – 5 V Output Signal, 2X Rated Proof Pressure Range, MEAS M5800

View on TE.com >

Sensors > Pressure Sensors > Pressure Transducers > Pressure Transducer with Rotatable Display



Pressure Sensor Type: **Industrial Pressure Transducer**

Pressure Type: **Gauge**

Output Signal Type: **1 – 5 V**

Pressure: **34.47 bar [ 500 psi ]**

Supply Voltage Range: **8 – 30 V**

All Pressure Transducer with Rotatable Display (6)

## Features

### Product Type Features

| | |
|---|---|
| Pressure Sensor Type | Industrial Pressure Transducer |
| Pressure Type | Gauge |

### Configuration Features

| | |
|---|---|
| Electrical Connection | Cable 4 ft |

### Electrical Characteristics

| | |
|---|---|
| Supply Voltage Range | 8 – 30 V |

### Body Features

| | |
|---|---|
| Port Material | 17-4PH |

### Dimensions

| | |
|---|---|
| Product Diameter | 24 mm[.945 in] |
| Product Height | 69.85 mm[2.75 in] |

### Usage Conditions

| | |
|---|---|
| Pressure | 34.47 bar[500 psi] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

### Operation/Application

| | |
|---|---|
| Output Signal Type | 1 – 5 V |

| | |
|---|---|
| Proof Pressure Range | 2X Rated |
| Pressure Accuracy | ±0.25% FSO |

### Other

| | |
|---|---|
| Sensor Options | IP67 Protection |
| Port Fitting | 1/4-18 NPT |

## 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 | 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Tetraglyme (2% in Component Part)<br>**Article Safe Usage Statements:**<br>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 # CAT-PTT0067
Pressure Transducer with Rotatable Display

## Also in the Series | MEAS M5800



Industrial Pressure Transducers(6)



Pressure Transducers(6)

## Customers Also Bought



TE Part #828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part #CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part #1-1579007-6
EXTRACTION TOOL



TE Part #2112167-1
COVER,90,FOR 21POS.



TE Part #828904-2
SINGLE WIRE SEAL FOR J.P.T.CON

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_10214514-00_B.2d_dxf.zip

English

## Customer View Model

ENG_CVM_CVM_10214514-00_B.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_10214514-00_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

M5800

English