



Sensors > Pressure Sensors > Pressure Transducers



Pressure Sensor Type: **Industrial Pressure Transducer**  
Pressure: **206.84 bar [ 3000 psi ]**  
Pressure Type: **Absolute**  
Supply Voltage Range: **12 – 30 V**  
Output Signal Type: **0 – 10 V**

Features

Product Type Features

|                      |                                |
|----------------------|--------------------------------|
| Pressure Sensor Type | Industrial Pressure Transducer |
| Pressure Type        | Absolute                       |

Configuration Features

|                       |         |
|-----------------------|---------|
| Electrical Connection | Packard |
|-----------------------|---------|

Electrical Characteristics

|                      |           |
|----------------------|-----------|
| Supply Voltage Range | 12 – 30 V |
|----------------------|-----------|

Body Features

|               |      |
|---------------|------|
| Port Material | 316L |
|---------------|------|

Dimensions

|                        |                   |
|------------------------|-------------------|
| Product Height         | 57.15 mm[2.25 in] |
| Hex Width Across Flats | 24 mm[.944 in]    |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Pressure                    | 206.84 bar[3000 psi]       |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

|                      |          |
|----------------------|----------|
| Output Signal Type   | 0 – 10 V |
| Proof Pressure Range | 3X Rated |



|                   |           |
|-------------------|-----------|
| Pressure Accuracy | ±0.1% FSO |
|-------------------|-----------|

Other

|                |                            |
|----------------|----------------------------|
| Sensor Options | Adhesive Label, No Snubber |
| Port Fitting   | 1/4 MNPT                   |

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 U5300



Industrial Pressure Transducers(5)



Pressure Transducers(5)

## Customers Also Bought

TE Part #04-1103-0910

PT1DC-10-FR-Z10-C25

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

ENG\_CVM\_CVM\_U5374-000005-03KPA\_H.2d\_dxf.zip

English

#### Customer View Model

ENG\_CVM\_CVM\_U5374-000005-03KPA\_H.3d\_igs.zip

English

#### Customer View Model

ENG\_CVM\_CVM\_U5374-000005-03KPA\_H.3d\_stp.zip

English

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### Datasheets & Catalog Pages

#### U5300

English