



Sensors > Pressure Sensors > Pressure Transducers



Pressure Sensor Type: **Industrial Pressure Transducer**
Pressure: **10 bar [145.03 psi]**
Pressure Type: **Absolute**
Supply Voltage Range: **4.75 – 5.25 V**
Output Signal Type: **.5 – 4.5 V**

Features

Product Type Features

Pressure Sensor Type	Industrial Pressure Transducer
Pressure Type	Absolute

Configuration Features

Electrical Connection	Packard
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Electrical Characteristics

Supply Voltage Range	4.75 – 5.25 V
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Body Features

Port Material	316L
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Dimensions

Product Diameter	26.67 mm[1.05 in]
Product Height	32 mm[1.25 in]

Usage Conditions

Pressure	10 bar[145.03 psi]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Output Signal Type	.5 – 4.5 V
Proof Pressure Range	3X Rated



Pressure Accuracy	±0.25% Span
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Other

Sensor Options	No Option
Port Fitting	G1/4 BS5380 Male

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	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: Pb (18% 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 # U7139-030PA-5W0000
PRESS XDCR U7139-030PA-5W0000



TE Part # U7139-150PA-5W0000
PRESS XDCR U7139-150PA-5W0000



TE Part # U7139-002BA-2W0000
PRESS XDCR U7139-002BA-2W0000

Also in the Series | MEAS U7100



Industrial Pressure Transducers(4)



Pressure Transducers(4)

Customers Also Bought



TE Part #1-967640-1
4POS MQS REC COD A



TE Part #2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part #CAT-AM71-T273
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB



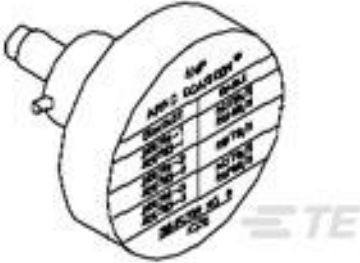
TE Part #749608-1
26 50SR KIT,ST,UK



TE Part #1-1579007-4
EXTRACTION TOOL



TE Part #5-962885-6
MQS0,63 Ag rec LL EDS 0,2-0,35



TE Part #601966-6
NO PRINT *A.S.I.*

TE Part #MS27488-16-2
SEALING PLUGS

TE Part #MS27488-12-2
SEALING PLUGS



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_U7139-010BA-2W0000_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_U7139-010BA-2W0000_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_U7139-010BA-2W0000_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

U7100

English