

MEAS | MEAS EB

TE Internal #: EB1UM-00000P-05KPA TE Internal Description: PRESS XDCR EB1UM-00000P-05KPA View on TE.com >



Sensors > Pressure Sensors > Pressure Transducers



Pressure Transducer Sensor Type: Miniature Pressure Transducer

Pressure Range: 0 – 5000 psi

Pressure Type: Absolute

Pressure Transducer Supply Voltage: 8 – 30 V

Output/Span: .5-4.5V

Features

Product Type Features

Pressure Transducer Sensor Type

Pressure Type

Configuration Features

Electrical Connection

Miniature Pressure Transducer

Absolute

Cable 5 m

Pressure 344.73 bar[5000 psi] Operating Temperature Range -40 – 125 °C[-40 – 257 °F]	Electrical Connection	Cable 5 m
Pressure Transducer Supply Voltage8 – 30 VDimensionsDia 11 mm[Dia .433 in]DimensionsDia 11 mm[Dia .433 in]Usage ConditionsJai 25 conditionsPressure344.73 bar[5000 psi]Operating Temperature Range-40 – 125 °C[-40 – 257 °F]Operation/ApplicationZX RatedPreos Pressure Range0 – 5000 psiPressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Pressure Port/Fitting	M10x1 Male
DimensionsDimensionsDia 11 mm[Dia .433 in]Usage ConditionsJat.73 bar[5000 psi]Pressure344.73 bar[5000 psi]Operating Temperature Range-40 – 125 °C[-40 – 257 °F]Operation/Application-40 – 125 °C[-40 – 257 °F]Proof Pressure Range2X RatedProof Pressure Range0 – 5000 psiOutput/Span.5 – 4.5 ∨Pressure Accuracy±0.25% Span	Electrical Characteristics	
DimensionsDia 11 mm[Dia .433 in]Usage ConditionsPressure344.73 bar[5000 psi]Operating Temperature Range-40 – 125 °C[-40 – 257 °F]Operation/Application2X RatedProof Pressure Range2X RatedPressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Pressure Transducer Supply Voltage	8 – 30 V
Usage ConditionsPressure344.73 bar[5000 psi]Operating Temperature Range-40 – 125 °C[-40 – 257 °F]Operation/Application2X RatedProof Pressure Range0 – 5000 psiPressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Dimensions	
Pressure344.73 bar[5000 psi]Operating Temperature Range-40 – 125 °C[-40 – 257 °F]Operation/Application-40 – 125 °C[-40 – 257 °F]Proof Pressure Range2X RatedProof Pressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Dimensions	Dia 11 mm[Dia .433 in]
Operating Temperature Range-40 – 125 °C[-40 – 257 °F]Operation/Application2X RatedProof Pressure Range2X RatedPressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Usage Conditions	
Operation/ApplicationProof Pressure Range2X RatedPressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Pressure	344.73 bar[5000 psi]
Proof Pressure Range2X RatedPressure Range0 - 5000 psiOutput/Span.5 - 4.5 VPressure Accuracy±0.25% Span	Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Pressure Range0 – 5000 psiOutput/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Operation/Application	
Output/Span.5 – 4.5 VPressure Accuracy±0.25% Span	Proof Pressure Range	2X Rated
Pressure Accuracy ±0.25% Span	Pressure Range	0 – 5000 psi
	Output/Span	.5 – 4.5 V
Other	Pressure Accuracy	±0.25% Span
	Other	

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PRESS XDCR EB1UM-00000P-05KPA



Sensor Options

None

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: 2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one (.15% in component)
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

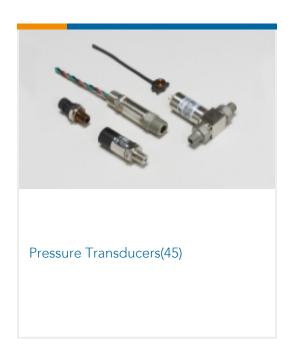


Also in the Series | MEAS EB

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PRESS XDCR EB1UM-00000P-05KPA



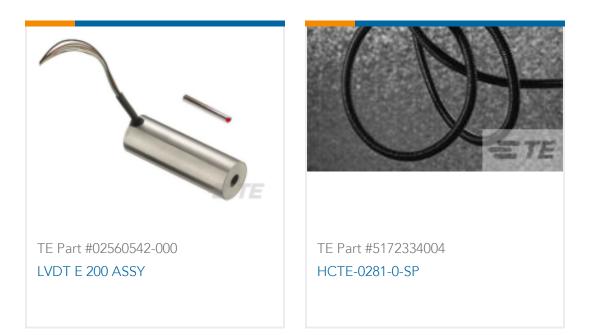


Customers Also Bought





W28-XT1A-4=W28



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_EB1UM-00000P-05KPA_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_EB1UM-00000P-05KPA_D.3d_igs.zip

EB1UM-00000P-05KPA

PRESS XDCR EB1UM-00000P-05KPA



English

Customer View Model ENG_CVM_CVM_EB1UM-00000P-05KPA_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

EB100

English