



MEAS | MEAS EB100

TE Internal #: EB1UM-00000P-05KPA

Miniature Pressure Transducer, Absolute, .5 – 4.5 V Output Signal, 2X Rated Proof Pressure Range, MEAS EB100

[View on TE.com >](#)

Sensors > Pressure Sensors > Pressure Transducers > High Accuracy Miniature Pressure Transducer



Pressure Sensor Type: **Miniature Pressure Transducer**

Pressure: **344.73 bar [5000 psi]**

Pressure Type: **Absolute**

Supply Voltage Range: **8 – 30 V**

Output Signal Type: **.5 – 4.5 V**

[All High Accuracy Miniature Pressure Transducer \(46\)](#)

Features

Product Type Features

Pressure Sensor Type	Miniature Pressure Transducer
Pressure Type	Absolute

Configuration Features

Electrical Connection	Cable 5 m
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Electrical Characteristics

Supply Voltage Range	8 – 30 V
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Body Features

Port Material	Stainless Steel
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Dimensions

Product Height	25 mm [.984 in]
Hex Width Across Flats	13 mm [.511 in]

Usage Conditions

Pressure	344.73 bar [5000 psi]
Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]

Operation/Application

Output Signal Type	.5 – 4.5 V
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Proof Pressure Range	2X Rated
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Pressure Accuracy	±0.25% Span
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Other

Sensor Options	None
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Port Fitting	M10x1 Male
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>DBP (100% in M-2647-1)</p> <p>Pb (95% in 12444632583)</p>
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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
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Solder Process Capability	Not reviewed for solder process capability
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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

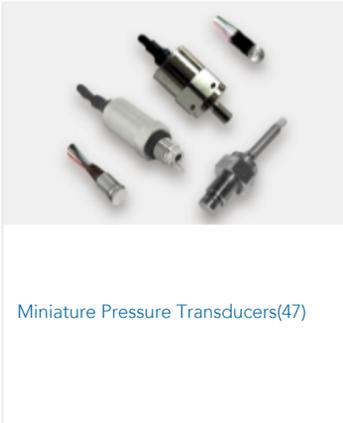


TE Part # EP125-7KBS-C00001
P125-A1-7KBG-/L10M

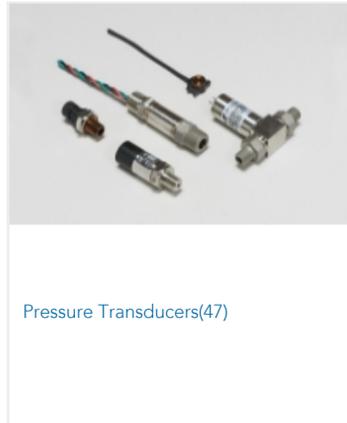


TE Part # CAT-PTT0064
0.1% Wireless Pressure Transducer

Also in the Series | MEAS EB100

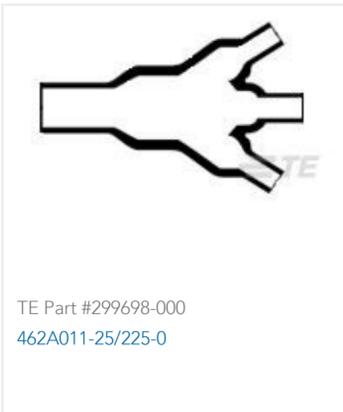


Miniature Pressure Transducers(47)



Pressure Transducers(47)

Customers Also Bought



TE Part #299698-000
462A011-25/225-0



TE Part #2176323-9
SMV 2W 470K 5%



TE Part #826953-2
2P MOD2 STIFT LEI



TE Part #737015-3
PL TERMINAL RECEPTACLE 4-6 MM2
PTPBR



TE Part #2820833006
44A0111-28-3



TE Part #2820823009
44A0111-28-2



TE Part #2820843007
44A0111-28-4



TE Part #341001-3
PL 250 REC TERMINAL 13-11 TPBR LP



TE Part #825457-3
MOD II HSG R.A. 3 POS



TE Part #855366-000
382A012-25/225-0



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](#)

English

Customer View Model

[ENG_CVM_CVM_EB1UM-00000P-05KPA_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

EB100

English