



MEAS | MEAS LM

TE Internal #: LM31-00000F-001PG

TE Internal Description: 1PSIG LIQUID LEVEL PRESSURE TRANSDUCER

[View on TE.com >](#)

Sensors > Pressure Sensors > Pressure Transducers



Pressure Transducer Sensor Type: **Industrial Pressure Transducer, Submersible Pressure Transducer**

Pressure Range: **0 – 1 psi**

Pressure Type: **Gauge**

Pressure Transducer Supply Voltage: **5 V**

Output/Span: **.5 – 4.5 V**

Features

Product Type Features

Pressure Transducer Sensor Type	Industrial Pressure Transducer, Submersible Pressure Transducer
Pressure Type	Gauge

Configuration Features

Electrical Connection	Cable 1 ft
Pressure Port/Fitting	1/2 MNPT

Electrical Characteristics

Pressure Transducer Supply Voltage	5 V
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Dimensions

Dimensions	Dia 28.6 mm[Dia 1.12 in]
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Usage Conditions

Pressure	.068 bar[1 psi]
Operating Temperature Range	-20 – 70 °C[-4 – 158 °F]

Operation/Application

Proof Pressure Range	3X Rated
Pressure Range	0 – 1 psi
Output/Span	.5 – 4.5 V
Pressure Accuracy	±1% Span



Other

Sensor Options	None
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

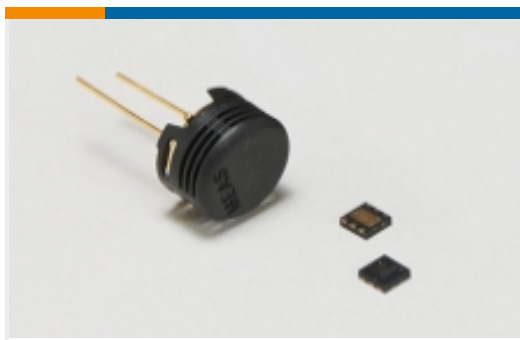
Product Compliance Disclaimer

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 LM**



Humidity Sensor Components(1)



Pressure Transducers(4)

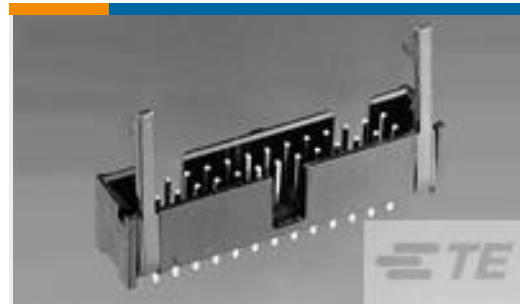
Customers Also Bought



TE Part #5745414-7
50 PLUG SP/MS STD



TE Part #3-1437653-5
6PCV-10-006=6PCV ASSEMBLY



TE Part #2-1761609-3
IDC LOW PRO HDR 10P RA SHT LAT



TE Part #8-1415029-1
PB114012



TE Part #1-825433-6
MOD 2 PINHDR 1X16P.



TE Part #2-1761679-1
IDC LOW PRO HDR 6P VERT BLUE



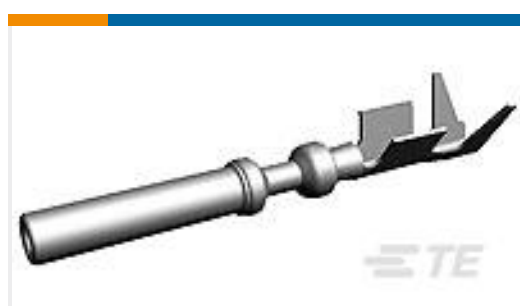
TE Part #535541-1
03 MODIV VRT SR CE 100/115



TE Part #6-535541-4
16 MODIV VRT SR CE 100/115



TE Part #2337019-1
UMCC Micro-Coax receptacle, Gen 1



TE Part #3-1447221-4
S/S REC CONTACT ASSY, AU, 0.5

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_LM31-00000F-001PG_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_LM31-00000F-001PG_C.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_LM31-00000F-001PG_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[LM_DS](#)

English