



MEAS | MEAS LM

TE Internal #: LM31-00000F-005PG

Industrial Pressure Transducer / Submersible Pressure Transducer, Gauge, .5 – 4.5 V Output Signal, 3X Rated Proof Pressure Range, MEAS LM

[View on TE.com >](#)

Sensors > Pressure Sensors > Pressure Transducers > Liquid Level Pressure Transducer



Pressure Sensor Type: Industrial Pressure Transducer, Submersible Pressure Transducer

Pressure: .344 bar [ 5 psi ]

Pressure Type: Gauge

Supply Voltage Range: 5 V

Output Signal Type: .5 – 4.5 V

[All Liquid Level Pressure Transducer \(4\)](#)

## Features

### Product Type Features

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

### Configuration Features

Electrical Connection	Cable 1 ft
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### Electrical Characteristics

Supply Voltage Range	5 V
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### Body Features

Port Material	316L, PVC
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### Usage Conditions

Pressure	.344 bar[5 psi]
Operating Temperature Range	-20 – 70 °C[-4 – 158 °F]

### Operation/Application

Output Signal Type	.5 – 4.5 V
Proof Pressure Range	3X Rated
Pressure Accuracy	±1% Span



## Other

Sensor Options	None
Port Fitting	1/2 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
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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 &gt; Threshold:</p> <p>Tetraglyme (2% in Component Part)</p> <p>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.14% in Component Part)</p> <p>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part)</p> <p>Pb (95% in 12444632583)</p> <p><b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

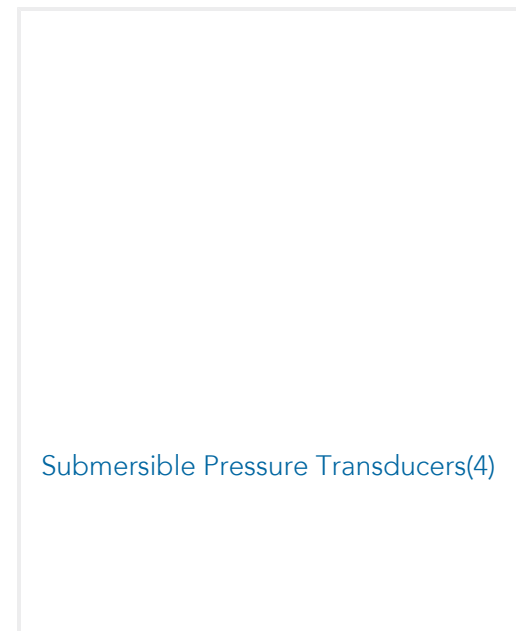
### Product Compliance Disclaimer

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>

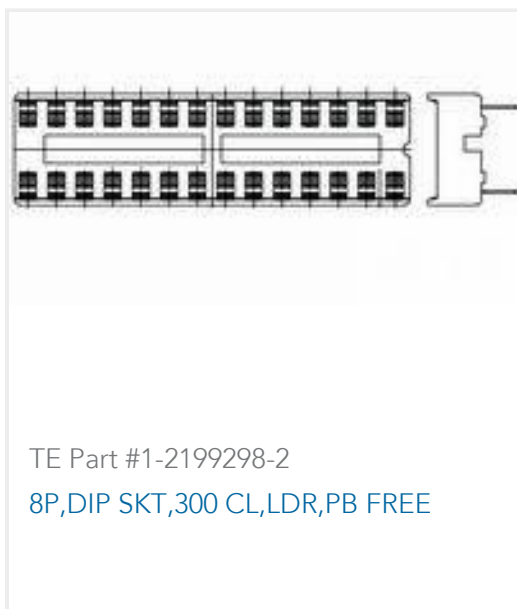
## Compatible Parts



Also in the Series | **MEAS LM**



Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_LM31-00000F-005PG\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_LM31-00000F-005PG\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_LM31-00000F-005PG\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### LM\_DS

English