# LM31-00000F-005PG ✔ ACTIVE

MEAS | MEAS LM

TE Internal #: LM31-00000F-005PG

TE Internal Description: 5PSIG 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 – 5 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 |

### Dimensions

| | |
|---|---|
| Dimensions | Dia 28.6 mm[Dia 1.12 in] |

### Usage Conditions

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

### Operation/Application

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

## Other

| | |
|---|---|
| Sensor Options | None |

## Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>DEHP (10% in Component part A)<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.12% in Component part B)<br>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component part C)<br>**Article Safe Usage Statements:**<br>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. |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

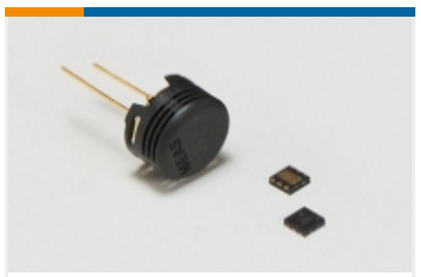
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-PTT0069
Liquid Level Pressure Transducer

TE Part # LM31-00000F-001PG
1PSIG LIQUID LEVEL PRESSURE TRANSDUCER

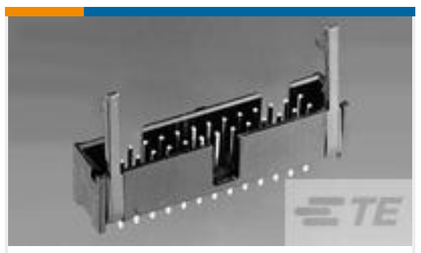
## Also in the Series | MEAS LM



Humidity Sensor Components(1)

Pressure Transducers(4)

## Customers Also Bought



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

TE Part #8-1415029-1
PB114012

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

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

TE Part #YD369-MP99-NP10000
369 9 WAY SHIELDED PLUG, CRIMP, PIN

TE Part #YD369-MR33-NS00000
369 3 WAY SHIELDED REC, NO CONTACTS,SKT

TE Part #LM31-00000F-001PG
1PSIG LIQUID LEVEL PRESSURE TRANSDUCER

TE Part #1719662-1
2 LOCK SOCK HSG

TE Part #2-1703930-4
NANOMQS, RECEPTACLE TERMINAL

TE Part #650074N003
D-436-36CS2651

## 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



### Datasheets & Catalog Pages

LM_DS

English