154N-100G-RT ✓ ACTIVE

MEAS | MEAS 154 Series

TE Internal #: 154N-100G-RT

TE Internal Description: 100 PSIG RIBBON CABLE TUBE MV

SENSOR

19MM MV OUTPUT PRESSURE SENSOR

View on TE.com >



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 19MM MV OUTPUT PRESSURE SENSOR



Pressure: [100 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge Output Signal Type: 100mV

Operating Temperature Range: -40 - 125 °C [-40 - 257 °F]

All 19MM MV OUTPUT PRESSURE SENSOR (38)

Features

| Product Type Features | |
|-----------------------------|----------------------------|
| Pressure Sensor Type | mV Output Pressure Sensors |
| Pressure Type | Gauge |
| Sensor Package | O-Ring Mount |
| Configuration Features | |
| Electrical Connection | Ribbon Cable |
| Electrical Characteristics | |
| Supply Current | 1.5 mA |
| Dimensions | |
| Product Diameter | 18.97 mm[.746 in] |
| Product Height | 13.8 mm[.54 in] |
| Usage Conditions | |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
| Operation/Application | |
| Proof Pressure Range | 3X |
| | 100 psi |



| Output Signal Type | 100mV |
|--------------------|-----------|
| Other | |
| Non-Linearity ± | .1 % |
| Sensor Options | Vent Tube |

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 with Exemptions |
| 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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component a) Article Safe Usage Statements: 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

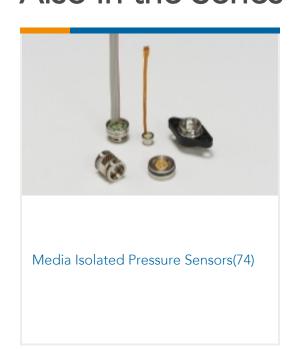
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





Also in the Series | MEAS 154 Series



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_154N-100G-RT_F1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_154N-100G-RT_F1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_154N-100G-RT_F1.3d_stp.zip

English

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

Datasheets & Catalog Pages



154NC

English