

154N-005A-U × OBSOLETE

MEAS | MEAS 154

TE Internal #: 154N-005A-U

TE Internal Description: NISO,LP,ABS,UNCOMP

19MM MV OUTPUT PRESSURE SENSOR

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



Pressure: [5 psi]

Pressure Sensor Type: **mV Output Pressure Sensors**

Pressure Type: **Absolute**

Output Signal Type: **Sensitivity = 12 - 27mV/V**

Supply Voltage Range: **5 V**

[All 19MM MV OUTPUT PRESSURE SENSOR \(4\)](#)

Features

Configuration Features

Electrical Connection	Open Bridge, Uncompensated
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Dimensions

Product Diameter	18.97 mm[.746 in]
Product Height	13.8 mm[.54 in]

Other

Non-Linearity ±	.1 %
Sensor Options	No Tube
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Supply Current	1.5 mA
Supply Voltage Range	5 V

Operation/Application

Proof Pressure Range	3X
Output Signal Type	Sensitivity = 12 - 27mV/V

Product Type Features



Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Absolute
Sensor Package	O-Ring Mount

Usage Conditions

	5 psi
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Product Compliance

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

EU RoHS Directive 2011/65/EU	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 2024 (241) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

Also in the Series | [MEAS 154](#)



Media Isolated Pressure Sensors(74)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_154N-005A-U_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_154N-005A-U_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_154N-005A-U_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

154NU

English