

# 154N-050G-U × OBSOLETE

MEAS | MEAS 154

TE Internal #: 154N-050G-U

TE Internal Description: NISO,LP,GAGE,UNCOMP

19MM MV OUTPUT PRESSURE SENSOR

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Pressure: [ 50 psi ]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge

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 with Exemptions
EU ELV Compliance	Compliant with Exemptions

### 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	Gauge
Sensor Package	O-Ring Mount

### Usage Conditions

	50 psi
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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 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: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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



Media Isolated Pressure Sensors(74)

## Documents

### Datasheets & Catalog Pages

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English