

154N-050A-R ✓ ACTIVE

MEAS | MEAS 154 Series

TE Internal #: 154N-050A-R

TE Internal Description: 50 PSIA RIBBON CABLE MV PRESSURE SENSOR

19MM MV OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



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



Pressure: [50 psi]

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

Media Isolated Pressure Sensor Style: **Absolute**

Output/Span: **100mV**

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

[All 19MM MV OUTPUT PRESSURE SENSOR \(49\)](#)

Features

Product Type Features

Media Isolated Pressure Sensor Type	Media Isolated mV Output Pressure Sensors
Media Isolated Pressure Sensor Style	Absolute

Configuration Features

Electrical Connection	Ribbon Cable
-----------------------	--------------

Electrical Characteristics

Supply Current	1.5 mA
----------------	--------

Dimensions

Dimensions	Dia 18.97 x 13.8 mm [Dia .746 x .54 in]
------------	---

Usage Conditions

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

Operation/Application

Proof Pressure Range	3X
	50 psi
Output/Span	100mV

Packaging Features



Media Isolated Pressure Sensor Package	O-Ring Mount
--	--------------

Other

Non-Linearity	± .1 %
---------------	--------

Sensor Options	No 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 2023 (235)
--	--

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
---------------------------	--

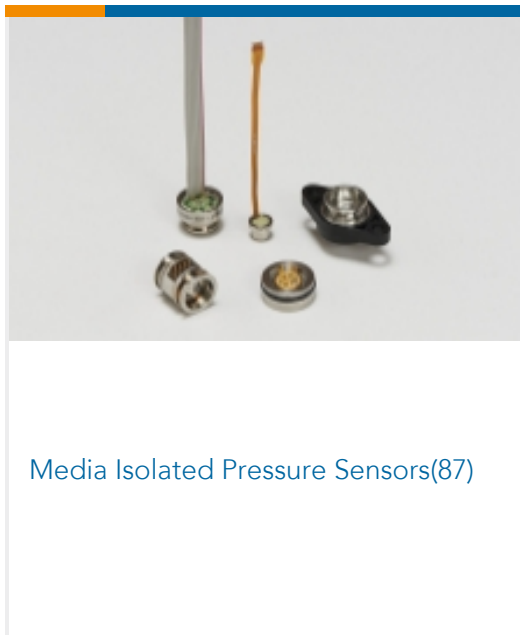
Product Compliance Disclaimer

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>

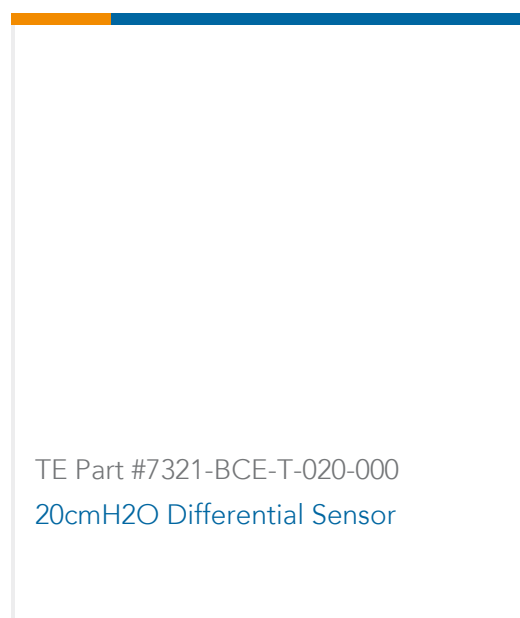
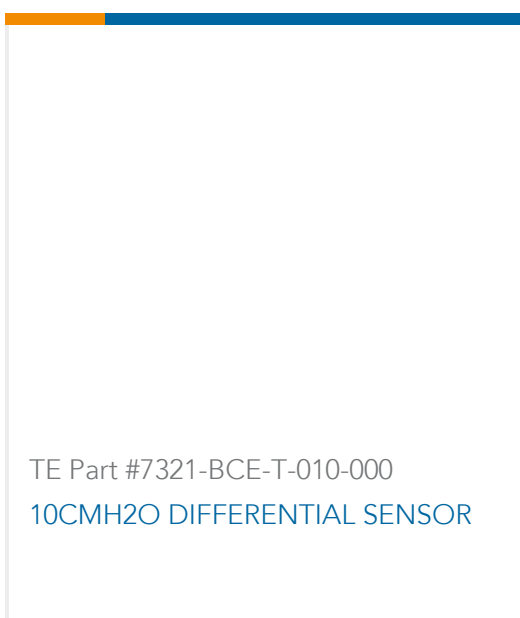
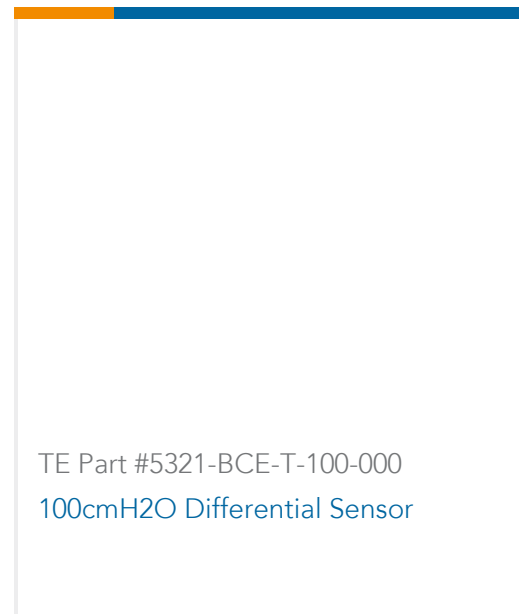
Compatible Parts



Also in the Series | MEAS 154 Series



Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_154N-050A-R_F1.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_154N-050A-R_F1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_154N-050A-R_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