

154CV-100A-R

✓ ACTIVE

MEAS | MEAS 154 Series

TE Internal #: 154CV-100A-R

TE Internal Description: 100 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: [ 100 psi ]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

Supply Voltage Range: 10 V

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

[All 19MM MV OUTPUT PRESSURE SENSOR \(18\)](#)

Features

Product Type Features

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

Configuration Features

Electrical Connection	Ribbon Cable
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Electrical Characteristics

Supply Voltage Range	10 V
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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]
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Operation/Application

	100 psi
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Other

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Sensor Options	No Tube
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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	Out of Scope
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: JUNE 2023 (235) Does not contain REACH SVHC
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

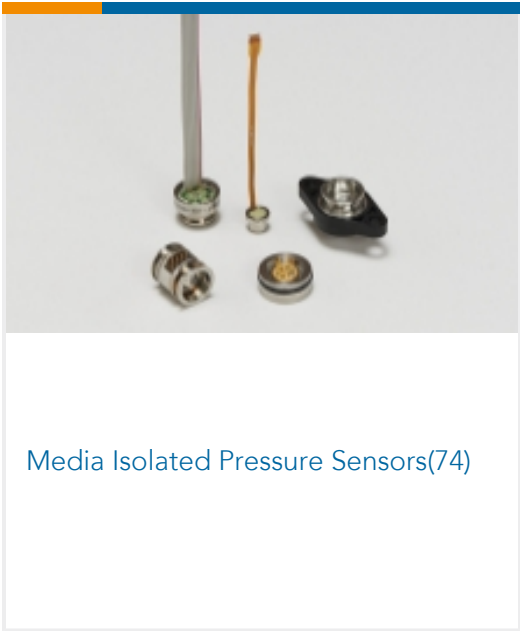


TE Part # 154CV-005G-R  
5 PSIG RIBBON CABLE MV PRESSURE SENSOR

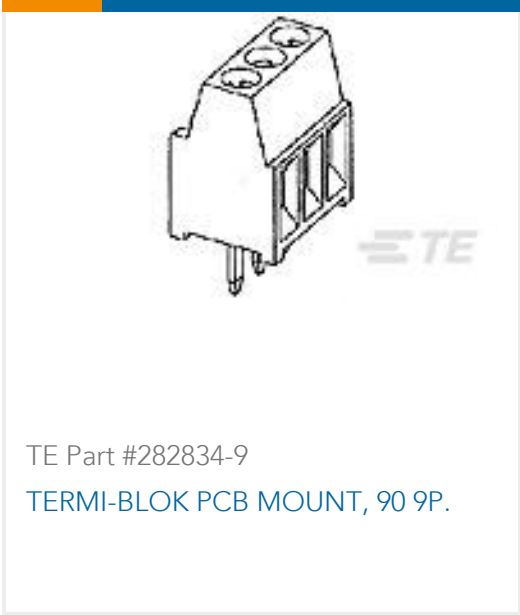


TE Part # 154N-100A-R  
100 PSIA RIBBON CABLE MV PRESSURE SENSOR

Also in the Series | MEAS 154 Series



## Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

ENG\_CVM\_CVM\_154CV-100A-R\_B.2d\_dxf.zip

English

#### Customer View Model

ENG\_CVM\_CVM\_154CV-100A-R\_B.3d\_igs.zip

English

#### Customer View Model

ENG\_CVM\_CVM\_154CV-100A-R\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### 154NCV

English