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]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

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	Absolute
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
	50 psi

Output Signal Type	100mV

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 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



TE Part # CAT-MIPS0002
19MM MV OUTPUT PRESSURE SENSOR

Also in the Series | MEAS 154 Series



Media Isolated Pressure Sensors(74)

Customers Also Bought



TE Part #154N-015G-R
19MM MV OUTPUT PRESSURE SENSOR

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

620144-000 917700-1 T1330060132-000 T4113011021-000 1-1123722-3 2071556-7 1-178128-4
1376477-4 178964-5 1877285-7 TAD1483A201-002 1-179554-3 T2020001005-000 172495-1 937313-1
AKUA876NN0085152A000 1-480701-0 2388278-1 353715-2 SMF71K6JT 175020-1 2425753-2 2840451-1
9-1318119-3 2267795-2 2303206-4 59803-1 T4110001051-000 1-178140-5 175024-1