

154N-500G-RT

✓ ACTIVE

MEAS | MEAS 154 Series

TE Internal #: 154N-500G-RT

TE Internal Description: 500 PSIG RIBBON CABLE TUBE PRESS
SENSOR

19MM MV OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



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



Pressure: [500 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge

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	Gauge
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
	500 psi



Output Signal Type	100mV
--------------------	-------

Other

Non-Linearity ±	.1 %
Sensor Options	Vent 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 #3-641124-6
06P MTA100 HDR ASSY P/STR LF

TE Part #TAA755A1611-080
M12A5-MS-FS-PVC-8.0M

TE Part #86A3R-000000-100PG
100 PSIG ANALOG PRESSURE
SENSOR

TE Part #2-2176415-9
8W STD M/OX 5% 430R

TE Part #2-2176364-3
RQ 0402 7K87 0.1% 10PPM 5K RL

TE Part #688343-000
ST63-3-55-26-90

TE Part #5054034004
RNF-100-3/32-3-SP

TE Part #CQ68943001
55A1161-20-0/0/0/2/2/2-9

TE Part #4-2176374-5
RQ 0805 309R 0.1% 10PPM 1K RL

TE Part #6-2176375-4
RQ 0805 5K23 0.1% 10PPM 1K RL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_154N-500G-RT_F1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_154N-500G-RT_F1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_154N-500G-RT_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