



MEAS | MEAS 154

TE Internal #: 154N-500G-R
TE Internal Description: 500 PSIG RIBBON CABLE MV PRESSURE
SENSOR
19MM MV OUTPUT PRESSURE SENSOR

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



Pressure Sensor Type: **mV Output Pressure Sensors**
Pressure Type: **Gauge**
Output Signal Type: **100mV**
Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**
Sensor Package: **O-Ring Mount**

[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

| | |
|--------------------|-------|
| 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 |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component part A) Tetraglyme (2% in Component part B) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. 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



Media Isolated Pressure Sensors(75)

Customers Also Bought



TE Part #154N-300G-R

300 PSIG RIBBON CABLE MV PRESSURE SENSOR



TE Part #86-015A-R

15 PSI RIBBON CABLE MV PRESSURE SENSOR



TE Part #86-300G-R

300 PSIG RIBBON CABLE MV PRESSURE SENSOR



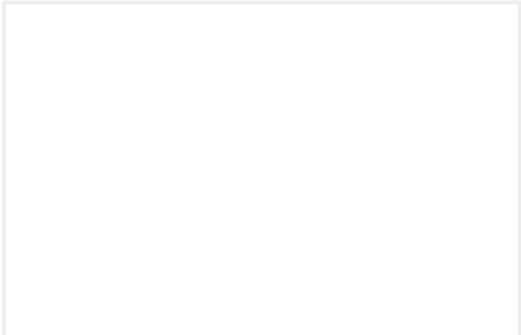
TE Part #86-100G-RT

100 PSIG MV VENT TUBE PRESSURE SENSOR



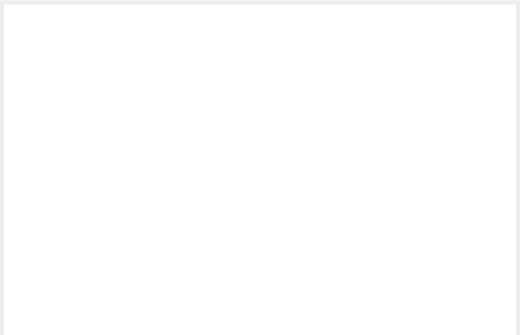
TE Part #86-300G-RT

300 PSIG MV VENT TUBE PRESSURE SENSOR



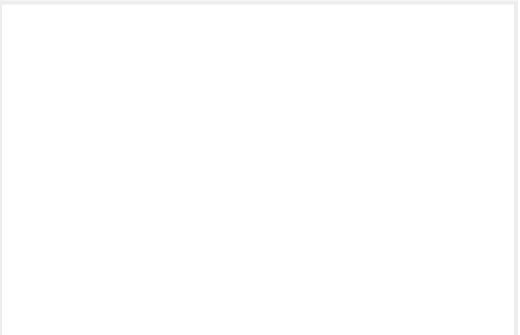
TE Part #89-01KA-0R

NISO,ABS,NO FIT,RIBBON CBL



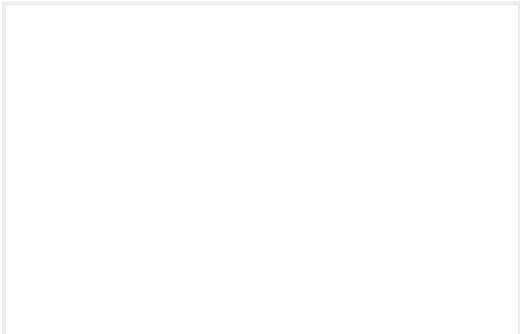
TE Part #85-015V-0R

VACGAGE,NO FITTING,RIBCBL



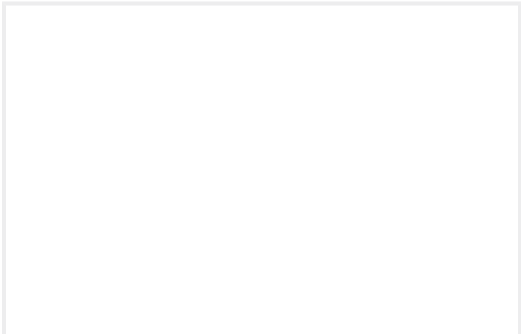
TE Part #89-03KA-0R

NISO,ABS,NO FIT,CABLE



TE Part #85-500G-0R

NISO,GAGE,NO FIT,RIBBON CBL



TE Part #85-300V-0R

VACGAGE,NO FITTING,RIBCBL

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_154N-500G-R_F1.2d_dxf.zip
- English
- Customer View Model



[ENG_CVM_CVM_154N-500G-R_F1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_154N-500G-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