

86-100G-RT ✓ ACTIVE

MEAS | MEAS 86 Series

TE Internal #: 86-100G-RT

TE Internal Description: 100 PSIG MV VENT TUBE PRESSURE  
SENSOR

MV Output Pressure Sensor, 16 mm

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > MV Output Pressure Sensor, 16 mm



Pressure: [ 100 psi ]

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

Pressure Type: **Gauge**

Output Signal Type: **100mV**

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

[All MV Output Pressure Sensor, 16 mm \(30\)](#)

## Features

### Product Type Features

Pressure Sensor Type	Media Isolated mV Output Pressure Sensors
Pressure Type	Gauge
Sensor Package	O-Ring Mount

### Configuration Features

Electrical Connection	Ribbon Cable
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### Electrical Characteristics

Supply Current	1.5 mA
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### Dimensions

Product Diameter	15.82 mm [.622 in]
Product Height	11.4 mm [.448 in]

### Usage Conditions

Operating Temperature Range	-40 - 125 °C [-40 - 257 °F]
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### Operation/Application

Proof Pressure Range	3X
	100 psi

Output Signal Type	100mV
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### Other

Non-Linearity ±	.1 %
Sensor Options	Vent Tube

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) <small>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.</small>
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

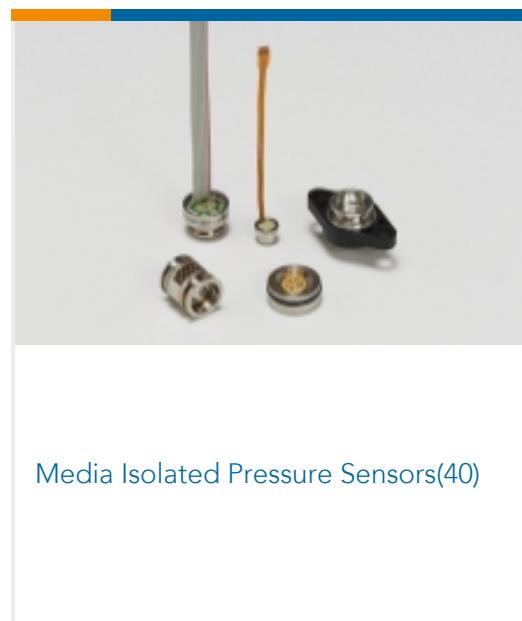
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-MIPS0020  
MV Output Pressure Sensor, 16 mm

## Also in the Series | MEAS 86 Series

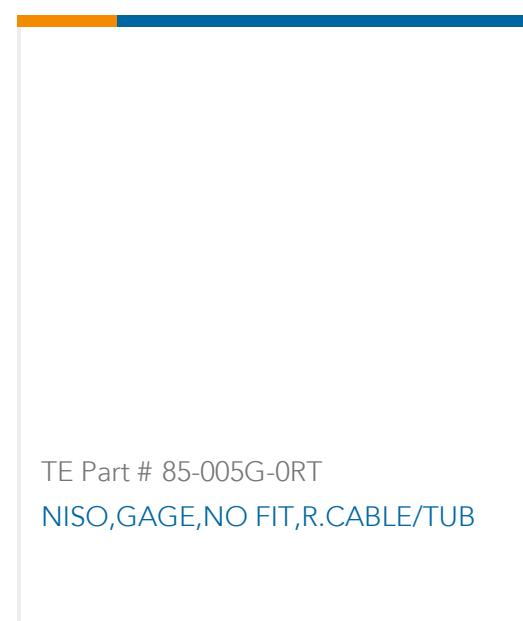


Media Isolated Pressure Sensors(40)

## Customers Also Bought



TE Part # DP86-500D  
500 PSID MV DIFFERENTIAL  
PRESSURE SENSOR



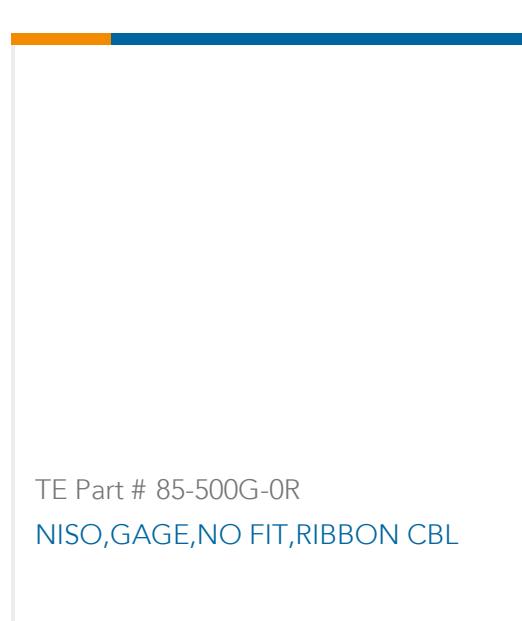
TE Part # 85-005G-0RT  
NISO,GAGE,NO FIT,R.CABLE/TUB



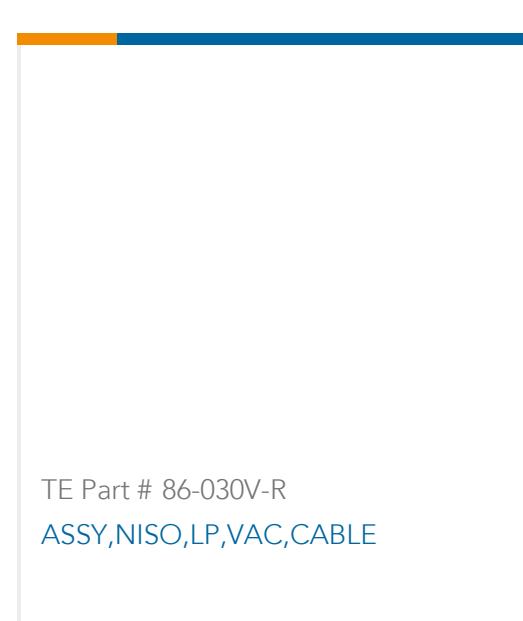
TE Part # 85-030V-0R  
VACGAGE,NO FITTING,RIBCB



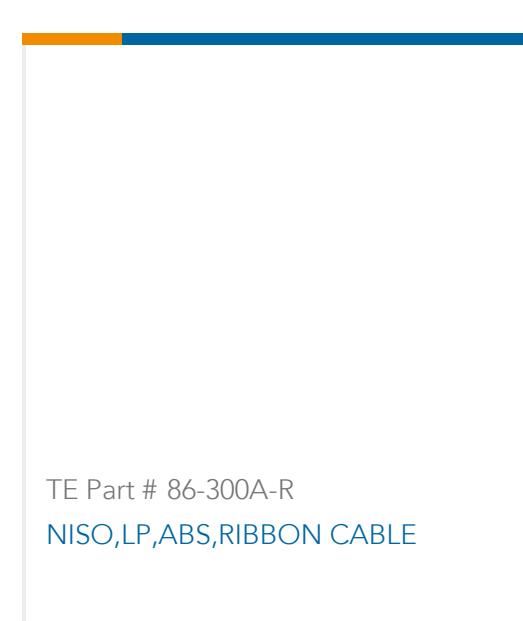
TE Part # 85-300V-0R  
VACGAGE,NO FITTING,RIBCB



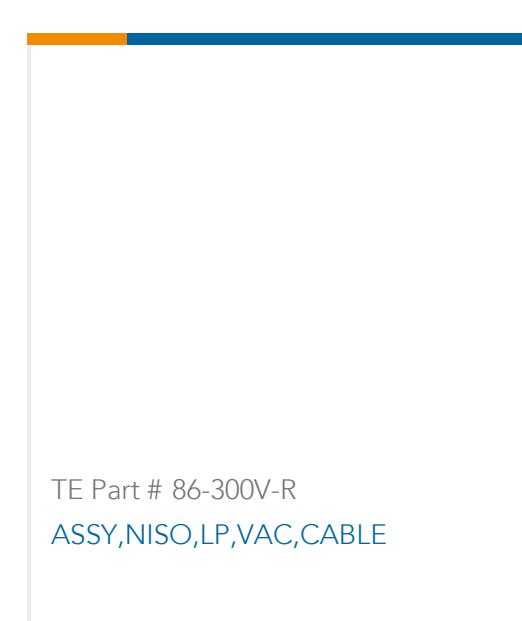
TE Part # 85-500G-0R  
NISO,GAGE,NO FIT,RIBBON CBL



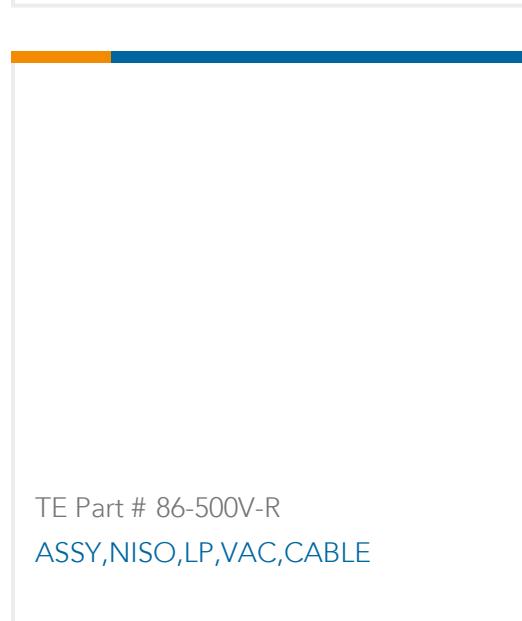
TE Part # 86-030V-R  
ASSY,NISO,LP,VAC,CABLE



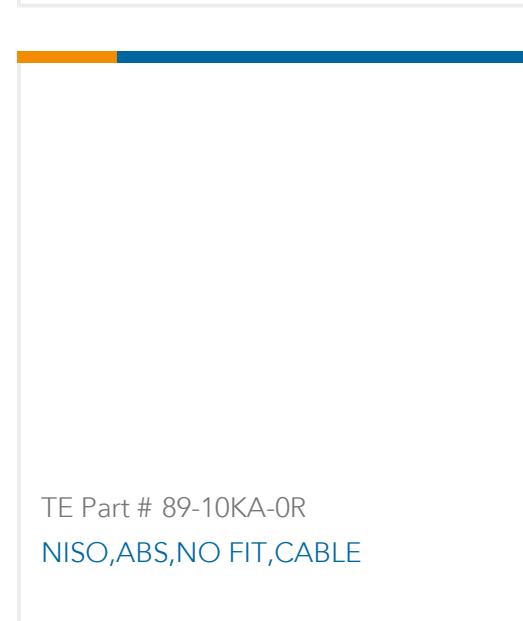
TE Part # 86-300A-R  
NISO,LP,ABS,RIBBON CABLE



TE Part # 86-300V-R  
ASSY,NISO,LP,VAC,CABLE



TE Part # 86-500V-R  
ASSY,NISO,LP,VAC,CABLE



TE Part # 89-10KA-0R  
NISO,ABS,NO FIT,CABLE

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86-100G-RT\\_G1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86-100G-RT\\_G1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86-100G-RT\\_G1.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

#### 86C

English