



MEAS | MEAS 86 Series

TE Internal #: 86-050A-R

TE Internal Description: 50 PSIA RIBBON CABLE MV 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: [50 psi]

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

Media Isolated Pressure Sensor Style: **Absolute**

Output/Span: **100mV**

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

[All MV Output Pressure Sensor, 16 mm \(29\)](#)

Features

Product Type Features

Media Isolated Pressure Sensor Type	Media Isolated mV Output Pressure Sensors
Media Isolated Pressure Sensor Style	Absolute

Configuration Features

Electrical Connection	Ribbon Cable
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Electrical Characteristics

Supply Current	1.5 mA
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Dimensions

Dimensions	Dia 15.82 x 11.4 mm [Dia .622 x .448 in]
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Usage Conditions

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

Proof Pressure Range	3X
	50 psi
Output/Span	100mV

Packaging Features



Media Isolated Pressure Sensor Package

O-Ring Mount

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

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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (.11% in Component Part)

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

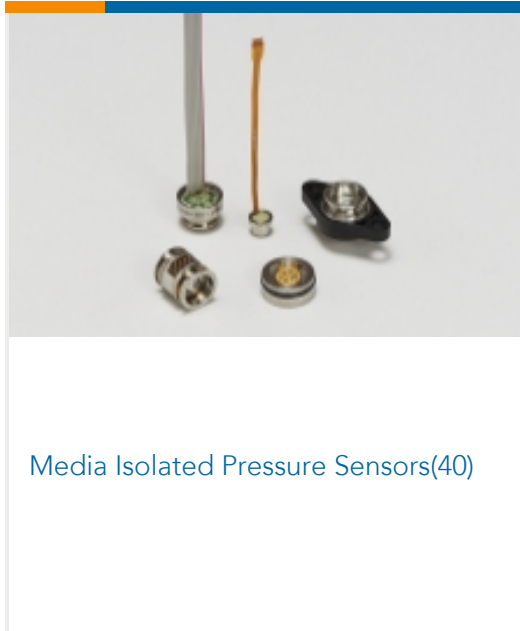
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | MEAS 86 Series

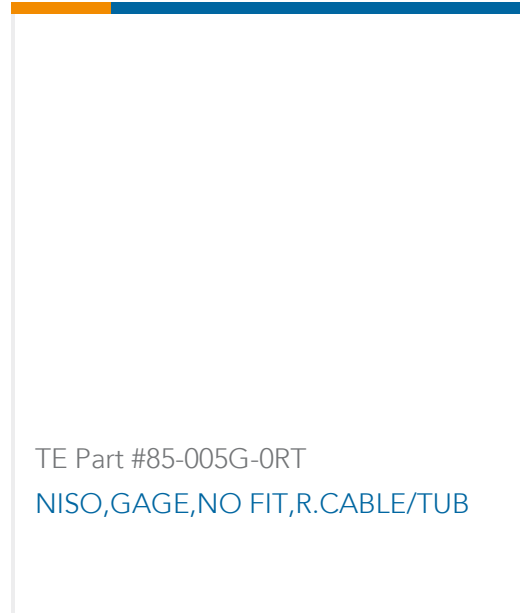


Media Isolated Pressure Sensors(40)

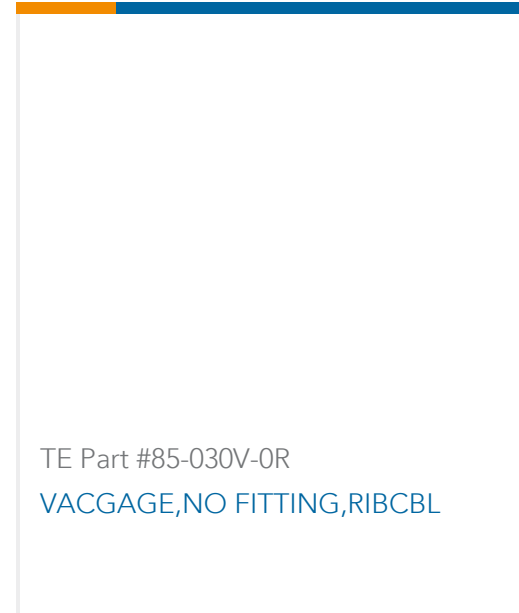
Customers Also Bought



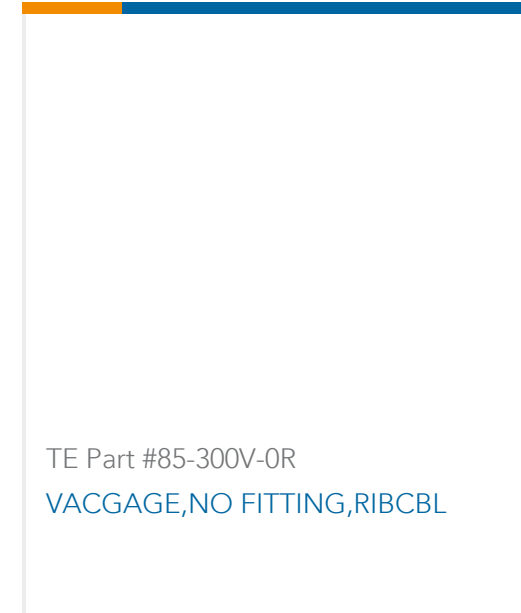
TE Part #DP86-500D
500 PSID MV DIFFERENTIAL
PRESSURE SENSOR



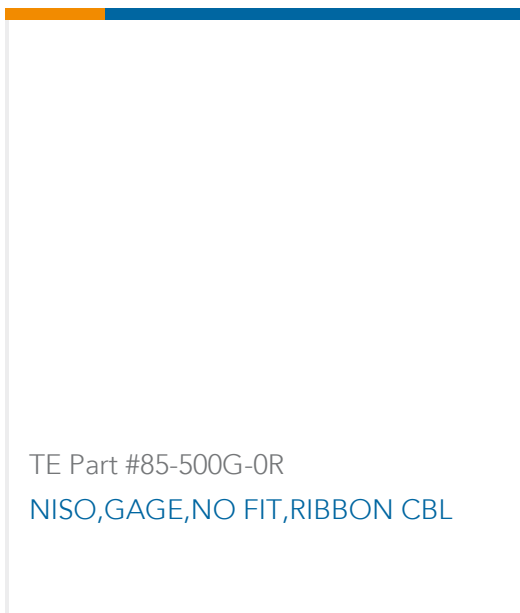
TE Part #85-005G-0RT
NISO,GAGE,NO FIT,R.CABLE/TUB



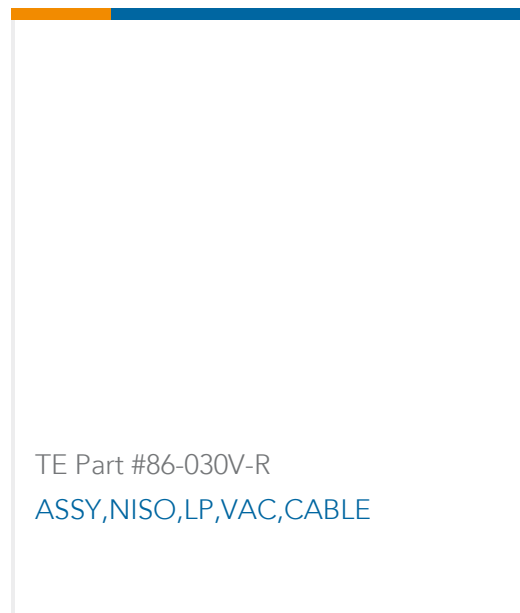
TE Part #85-030V-0R
VACGAGE,NO FITTING,RIBCBL



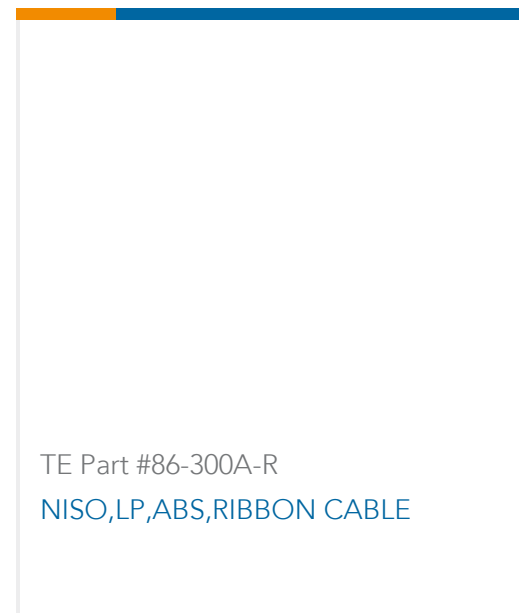
TE Part #85-300V-0R
VACGAGE,NO FITTING,RIBCBL



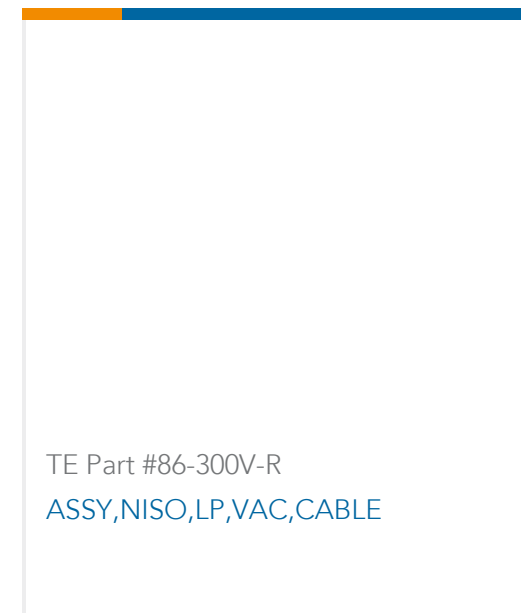
TE Part #85-500G-0R
NISO,GAGE,NO FIT,RIBBON CBL



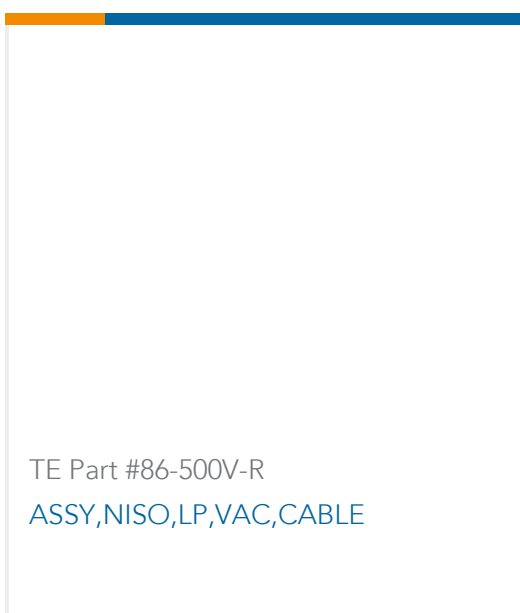
TE Part #86-030V-R
ASSY,NISO,LP,VAC,CABLE



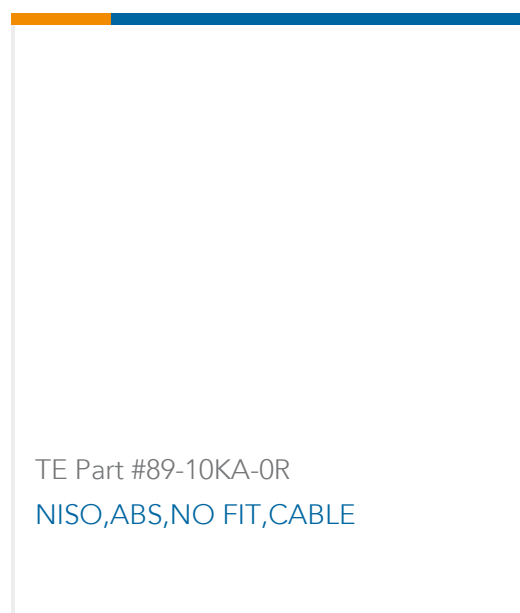
TE Part #86-300A-R
NISO,LP,ABS,RIBBON CABLE



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_86-050A-R_G1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86-050A-R_G1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86-050A-R_G1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

86C

English