

85-100A-8C ✓ ACTIVE

MEAS | MEAS 85 Series

TE Internal #: 85-100A-8C

TE Internal Description: 100 PSIA 1/8-27 NPT RIBBON PRESS

SENSOR

13MM MV OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 13MM MV OUTPUT PRESSURE SENSOR



Pressure: [100 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 13MM MV OUTPUT PRESSURE SENSOR \(18\)](#)

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 | Cable w/ Connector |
| Pressure Port/Fitting | 1/8-27 NPT |

Electrical Characteristics

| | |
|----------------|--------|
| Supply Current | 1.5 mA |
|----------------|--------|

Dimensions

| | |
|------------|---|
| Dimensions | Dia 15.85 x 9.3 mm [Dia .624 x .366 in] |
|------------|---|

Usage Conditions

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

Operation/Application

| | |
|----------------------|---------|
| Proof Pressure Range | 3X |
| | 100 psi |
| Output/Span | 100mV |



Packaging Features

Media Isolated Pressure Sensor Package

Threaded Process Fittings, Weldable

Other

Non-Linearity

± .1 %

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

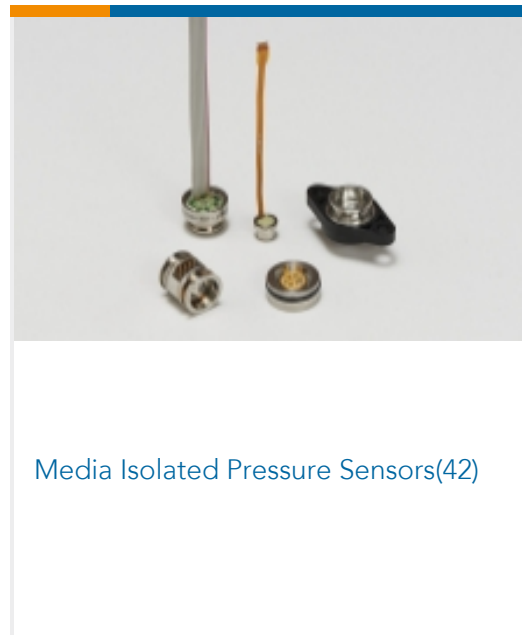
Product Compliance Disclaimer

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>

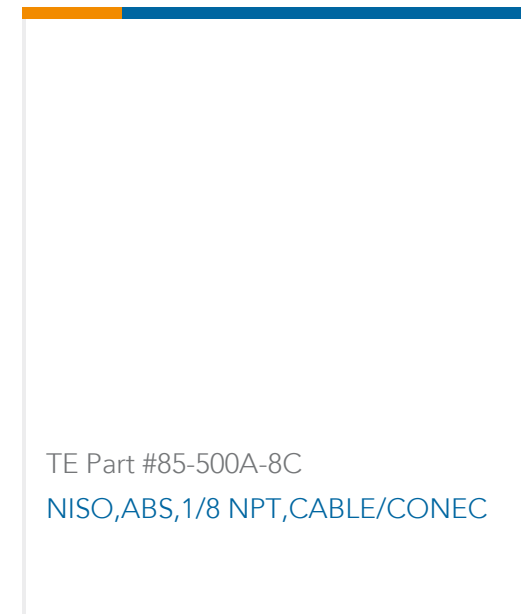
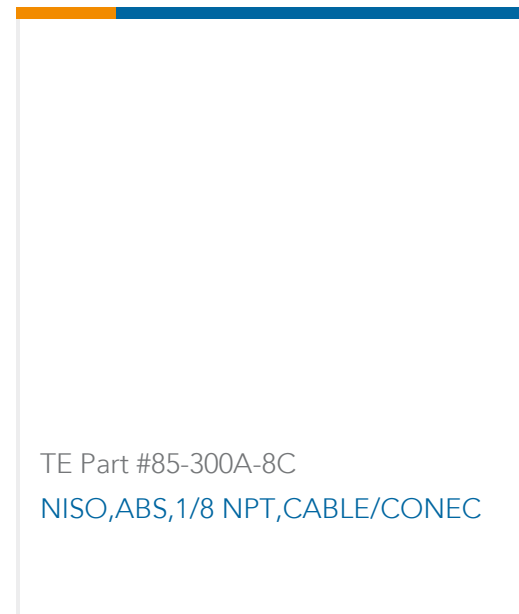
Compatible Parts



Also in the Series | MEAS 85 Series



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_85-100A-8C_G1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_85-100A-8C_G1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_85-100A-8C_G1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



85C

English