

## MEAS | MEAS 86 Series TE Internal #: 86-500G-R TE Internal Description: 500 PSIG RIBBON CABLE MV PRESSURE SENSOR View on TE.com >



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



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] Features

### Product Type Features

Pressure Sensor Type

Pressure Type

Sensor Package

mV Output Pressure Sensors

Gauge

O-Ring Mount

### **Configuration Features**

Electrical Connection	Ribbon Cable
Electrical Characteristics	
Supply Current	1.5 mA
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]
Operation/Application	
Proof Pressure Range	3X
	500 psi
Output Signal Type	100mV
Other	

**C** For support call+1 800 522 6752

#### 500 PSIG RIBBON CABLE MV PRESSURE SENSOR



Non-Linearity ±	.1 %
Sensor Options	No Tube
roduct Compliance or 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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6- trimethylphenyl)- (1% 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**

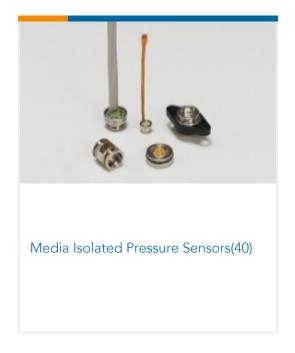


500 PSIG RIBBON CABLE MV PRESSURE SENSOR





## Also in the Series | MEAS 86 Series



# Customers Also Bought



TE	TE		= TE
TE Part #86-015A-R 15 PSI RIBBON CABLE MV PRESSURE SENSOR	TE Part #86-015G-R 15 PSIG RIBBON CABLE MV PRESSURE SENSOR	TE Part #LL01-2AA01 LL01 1/4" NPT 15" CABLE 100C	TE Part #NB18844001 RNF-100-1/16-RD-SP

TE Part #20010076-00	TE Part #86-015V-R	TE Part #86-030V-R	TE Part #89-01KA-0R
Thermocouple Type T, 40 AWG	ASSY,NISO,LP,VAC,CABLE	ASSY,NISO,LP,VAC,CABLE	NISO,ABS,NO FIT,RIBBON CBL

TE Part #89-05KA-0R NISO,ABS,NO FIT,CABLE	TE Part #89-10KA-0R NISO,ABS,NO FIT,CABLE	

86-500G-R

500 PSIG RIBBON CABLE MV PRESSURE SENSOR



## Documents

CAD Files 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_86-500G-R\_G1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_86-500G-R\_G1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_86-500G-R\_G1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages 86C

English