

MEAS | MEAS 89 Series TE Internal #: 89-03KA-0U TE Internal Description: 3K PSIA 316L MV PRESSURE SENSOR 9MM MV OUTPUT PRESSURE SENSOR

### View on TE.com >

Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 9MM MV OUTPUT PRESSURE SENSOR



## Pressure: [ 3000 psi ]

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

Media Isolated Pressure Sensor Style: Absolute

Output/Span: Sensitivity = 15 - 28mV/V

Media Isolated Pressure Sensor Supply Voltage: 5V

## All 9MM MV OUTPUT PRESSURE SENSOR (11)

# Features

## **Product Type Features**

Media Isolated Pressure Sensor Type

Media Isolated Pressure Sensor Style

Media Isolated mV Output Pressure Sensors

Absolute



# **Configuration Features**

Electrical Connection	Wire Leads				
Pressure Port/Fitting	Weldable (No Thread)				
Electrical Characteristics					
Supply Current	1.5 mA				
Media Isolated Pressure Sensor Supply Voltage	5 V				
Dimensions					
Dimensions	Dia 9.04 x 13.2 mm[Dia .356 x .52 in]				
Usage Conditions					
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]				
Operation/Application					
Proof Pressure Range	3X				
	3000 psi				
Output/Span	Sensitivity = 15 - 28mV/V				



## Packaging Features

Media Isolated Pressure Sensor Package	Weldable
Other	
Non-Linearity	± .25 %

# **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions		
EU ELV Directive 2000/53/EC	Compliant with Exemptions		
China RoHS 2 Directive MIIT Order No 32, 2016	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) Does not contain REACH SVHC		
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**

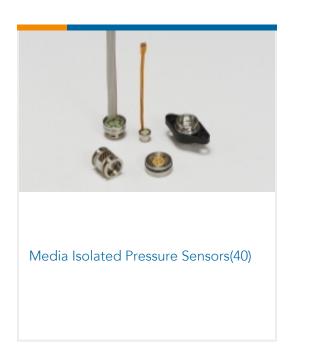


Also in the Series | MEAS 89 Series

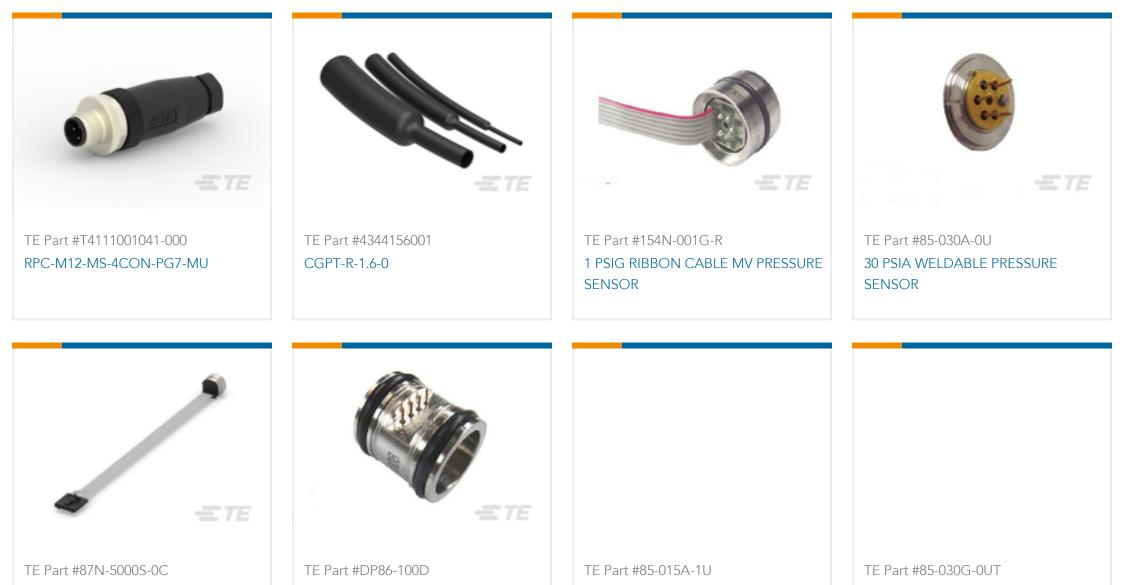
**C** For support call+1 800 522 6752

### 3K PSIA 316L MV PRESSURE SENSOR





# Customers Also Bought



5000PSIG MV PRESSURE SENSOR W /CONNECTOR	100 PSID MV DIFFERENTIAL PRESSURE SENSOR	NISO,1/4NPT,7/8HEX,UNCOMP	NISO,NO FIT,UNCOMP,TUBE
TE Part #85-100G-0UT NISO,NO FIT,UNCOMP,TUBE	TE Part #85-300G-1UT NISO,1/4NPT,7/8HEX,UNCOMP,TUBE		

# Documents

# CAD Files

# 3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_89-03KA-0U\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_89-03KA-0U\_C.3d\_igs.zip

89-03KA-0U

3K PSIA 316L MV PRESSURE SENSOR



English

Customer View Model ENG\_CVM\_CVM\_89-03KA-0U\_C.3d\_stp.zip

English

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

# Datasheets & Catalog Pages

**89U** 

English