86-050G-R ✔ ACTIVE

MEAS | MEAS 86 Series

TE Internal #: 86-050G-R

TE Internal Description: 50 PSIG RIBBON CABLE MV PRESSURE SENSOR

View on TE.com >

Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure: [50 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	mV Output Pressure Sensors
Pressure Type	Gauge
Sensor Package	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
	50 psi
Output Signal Type	100mV

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # 86-050A-R
50 PSIA RIBBON CABLE MV PRESSURE SENSOR



TE Part # 86-050G-C
50 PSIG CABLE CONN MV PRESSURE SENSOR



TE Part # 86-050A-C
50 PSIA CABLE CONN MV PRESSURE SENSOR



TE Part # 86-050G-RT
50 PSIG MV VENT TUBE PRESSURE SENSOR



TE Part # 86-100G-R
100 PSIG RIBBON CABLE MV PRESSURE SENSOR

Also in the Series | MEAS 86 Series



Media Isolated Pressure Sensors(40)

Customers Also Bought



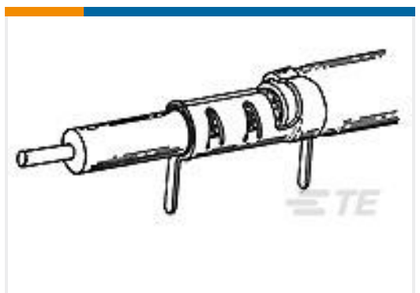
TE Part #6609035-9
10ESK1=F7230 S0



TE Part #86-300A-C
300 PSIA CABLE CONN MV PRESSURE SENSOR



TE Part #86-015G-RT
15 PSIG RIBBON TUBE MV PRESSURE SENSOR



TE Part #9-226176-2
BRAID PIC TERMINAL, LF PLTG



TE Part #31428
TERMINAL,BUDG R 26-22 4



TE Part #86-300G-RT
300 PSIG MV VENT TUBE PRESSURE SENSOR



TE Part #154N-001G-R
1 PSIG RIBBON CABLE MV PRESSURE SENSOR



TE Part #86-030A-C
30 PSIA CABLE CONN MV PRESSURE SENSOR

TE Part #86-050A-X-10400
ASSY,NISO,LP,HAST,MDL 10400

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_86-050G-R_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_86-050G-R_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_86-050G-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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175024-1 2071556-7 2388278-1 T4113011021-000 1-179554-3 172495-1 175020-1 T1330060132-000 1-1123722-3 1-480701-0 2303206-4 59803-1 1-178128-4 1376477-4 2425753-2 620144-000 1877285-7 AKUA876NN0085152A000 T4110001051-000 TAD1483A201-002 178964-5 2267795-2 353715-2 917700-1 937313-1 1-178140-5 SMF71K6JT 2840451-1 9-1318119-3 T2020001005-000