85-030A-0R ✔ ACTIVE

MEAS | MEAS 85 Series

TE Internal #: 85-030A-0R

TE Internal Description: 30 PSIA WELDABLE RIBBON PRESSURE SENSOR

13MM MV OUTPUT PRESSURE SENSOR

View on TE.com >

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



Pressure: [30 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

Output Signal Type: 100mV

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

All 13MM MV OUTPUT PRESSURE SENSOR (18)

Features

Product Type Features

Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Absolute
Sensor Package	Threaded Process Fittings, Weldable

Configuration Features

Electrical Connection	Ribbon Cable

Electrical Characteristics

Supply Current	1.5 mA

Dimensions

Product Diameter	15.85 mm[.624 in]
Product Height	9.3 mm[.366 in]

Usage Conditions

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

Operation/Application

Proof Pressure Range	3X
	30 psi

Output Signal Type	100mV

Other

Non-Linearity ±	.1 %
Port Fitting	Weldable (5/16-32 UNEF-3A Thread)

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: JAN 2024 (240) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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-MIPS0012
13MM MV OUTPUT PRESSURE SENSOR



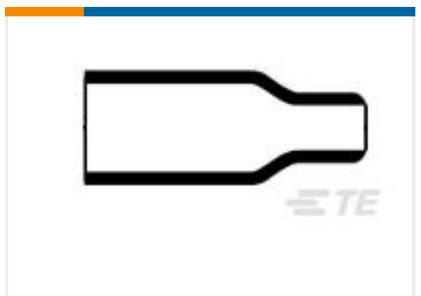
TE Part # CAT-MIPS0015
Pressure Sensor, MV Output, 13 mm

Also in the Series | MEAS 85 Series

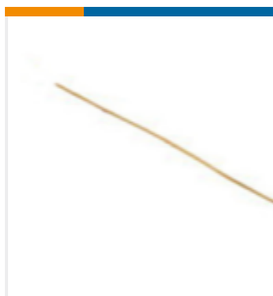


Media Isolated Pressure Sensors(42)

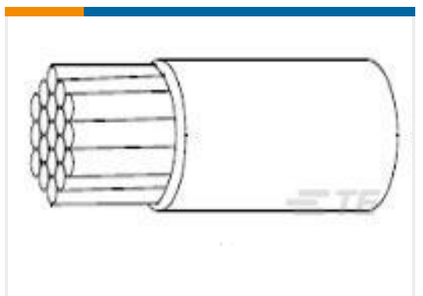
Customers Also Bought



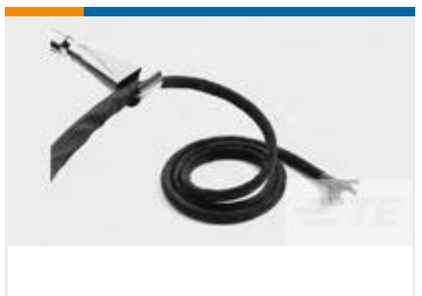
TE Part #806786-000
202A111-25-0



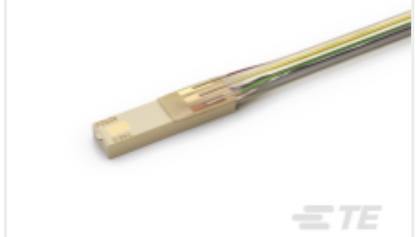
TE Part #GA10K3MCD1
MCD PROBE, 10K OHMS,



TE Part #216027-008
55A0111-26-9



TE Part #CB03314003
RW-200-E-3/16-0-SP



TE Part #SMI-1B-48-100-BMAR
Calibrated IntraSense



TE Part #9541-010C-D-C-3-S
PRESSURE 0.15 PSID I2C SO16



TE Part #9541-100C-D-C-3-S
PRESSURE I2C 1.5 PSID SO16

TE Part #30F-HND-005S-0000A
5PSI, CLOSED BRIDGE, STD PADS

TE Part #30G-HID-015S-0010A
15PSI, CLOSED BRIDGE, PT PADS

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_85-030A-0R_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_85-030A-0R_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_85-030A-0R_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

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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