85-100A-8R ✔ ACTIVE

MEAS | MEAS 85 Series

TE Internal #: 85-100A-8R

TE Internal Description: 100 PSIA 1/8-27 NPT CABLE CONN 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]**

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
	100 psi

Output Signal Type	100mV

Other

Non-Linearity ±	.1 %
Port Fitting	1/8-27 NPT

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 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

Compatible Parts

TE Part # CAT-MIPS0012
13MM MV OUTPUT PRESSURE SENSOR

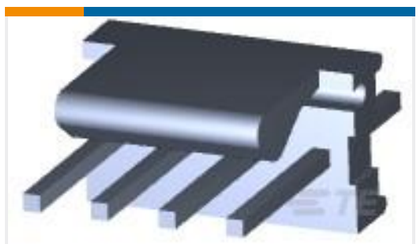
TE Part # 85-100A-FC
100 PSIA FLUSH MOUNT PRESSURE SENSOR

Also in the Series | MEAS 85 Series

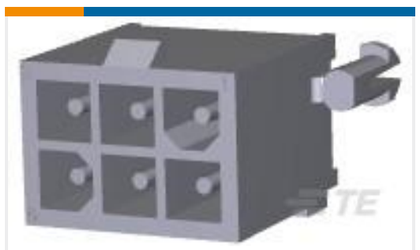
Media Isolated Pressure Sensors(42)

Customers Also Bought

TE Part #5747845-4
15 MSFL RCPT RA 318 (IN,FM,BL)

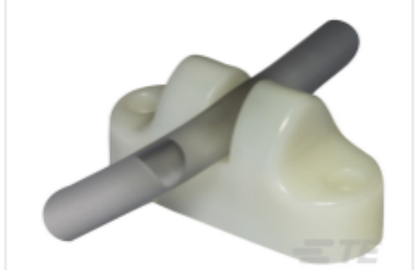


TE Part #3-641215-4
04P MTA100 HDR ASSY FL/ST 30AU



TE Part #1-770875-1
06P MINI UMNL HDR ASSY AU LF

TE Part #2306454-3
SPRING FINGER 2.3H



TE Part #10217784-00
ABD,AD-101, COMPACT ASSY, 4MM

TE Part #4525DO-DS3AS015GP
PRESS XDCR,DIGITAL,PSI RANGE

TE Part #796136-1
ASSY, SMT BATTERY CONN

TE Part #86-050G-U
NISO,LP,GAGE,LEADS

TE Part #PF5040139-2
THERMOCOUPLE, TC-T-40SI180

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_85-100A-8R_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_85-100A-8R_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_85-100A-8R_G1.3d_stp.zip

English

Datasheets & Catalog Pages

85C

English