



Sensors > Vibration Sensors



Accelerometer Type: **IEPE**
Vibration Sensor Product Type: **Piezoelectric Accelerometer**
Number of Sensing Axes: **Uniaxial**
Frequency Response: **1 to 8000 Hz**
Full Scale Output Voltage: **±5 VDC**

Features

Product Type Features

Sensor Package	Embedded
Accelerometer Type	IEPE
Vibration Sensor Product Type	Piezoelectric Accelerometer

Electrical Characteristics

Excitation Current	2 – 10 mA
Full Scale Output Voltage	±5 VDC

Signal Characteristics

Frequency Response	1 to 8000 Hz
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Body Features

Primary Product Material	Stainless Steel
Product Weight	5 g[.17 oz]
Number of Sensing Axes	Uniaxial

Mechanical Attachment

Sensor Mount Type	Screw Mount
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Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
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Operation/Application

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Output Current Type	AC
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Other

Non-Linearity (FSO)	±1 %
Acceleration Range (±)	50 g
Sensitivity	100 mV/g

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (37% in Component part) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.15% in Component part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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



TE Part # 805M1-0050-01
805M1-0050-01 TO-5 Accelerometer

TE Part # 805-0050
805-0050 TO-5 Accelerometer

Also in the Series

MEAS 805

Vibration Sensors(13)

Customers Also Bought

TE Part #499922-6
026 UNIV HDR SP 4S 15DP STD L1

TE Part #805M1-0020
805M1-0020 TO-5 Accelerometer

TE Part #104742-2
PLUGGABLE BUSBAR 062F2 POWER CONNECTOR

TE Part #1879215-6
CPF 0402 4K53 0.1% 25PPM 1K RL

TE Part #1-2319848-4
END STACK DIP 4P J RECESS TUBE

TE Part #T4013008031-000
M8,SCREW, MALE,R/A,UNSHIELD,3P, GOLD

TE Part #1437284-9
MERTEC FTERM AU 13002630101

TE Part #964339-2
MAG MATE KONT. MKII

TE Part #1571610-1
Sealed R/A Tact switch, Sealed

TE Part #ANT-W63WS3-SMA
Antenna Blade Wifi6/6E Swivel SMA



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_805-0050-01_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_805-0050-01_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_805-0050-01_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

805_Accelerometer

English