



Sensors > Vibration Sensors

Accelerometer Type: **IEPE**Vibration Sensor Product Type: **Piezoelectric Accelerometer**Number of Sensing Axes: **Uniaxial**Frequency Response: **0.5-10000 Hz**Full Scale Output Voltage: **±5 VDC**

Features

Operation/Application

Output Current Type	AC
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Configuration Features

Electrical Connection	M3 Coaxial Connector
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Other

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

Electrical Characteristics

Excitation Voltage Range	18 – 30 VDC
Excitation Current	2 – 10 mA
Full Scale Output Voltage	±5 VDC

Body Features

Product Weight	4 g [.14 oz]
Primary Product Material	Titanium
Number of Sensing Axes	Uniaxial

Product Type Features

Sensor Package	Plug & Play
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Accelerometer Type	IEPE
Vibration Sensor Product Type	Piezoelectric Accelerometer

Signal Characteristics

Frequency Response	0.5-10000 Hz
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Mechanical Attachment

Sensor Mount Type	Screw Mount
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Product Compliance

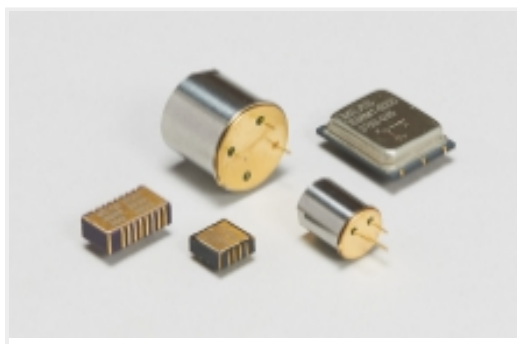
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

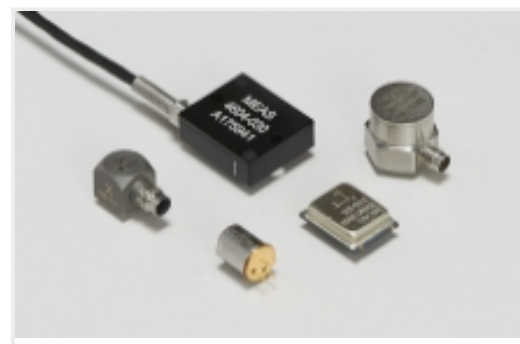
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | [MEAS 7101A](#)



Piezoelectric Accelerometers(2)



Vibration Sensors(2)

Customers Also Bought



TE Part #CAT-D9934-A83B
DYNAMIC 5000 HDR ASSY



TE Part #6-2271013-0
CELLO,PIN,96P,TH,RA,FG,DIP4.0,-



TE Part #318A-120
CABLE 318A



TE Part #T1550160000-001
H16B-AG-RC



TE Part #T1390160132-001
H16B-TSH-RC-M32



TE Part #T1009033100-000
H3A-KDBP



TE Part #CAT-D9934-A75I
Header Assembly: Wire-to-Board
Connector, Spring Clamp, 7.5 mm
pitch, 14.5A

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_10207613-00_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_10207613-00_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_10207613-00_E.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[7101A_Accelerometer](#)

English

