



Sensors > Vibration Sensors



Accelerometer Type: **3-Wire Voltage**  
Vibration Sensor Product Type: **Piezoelectric Accelerometer**  
Number of Sensing Axes: **Uniaxial**  
Frequency Response: **2-10000 Hz**  
Full Scale Output Voltage: **±1.25 VDC**

Features

Product Type Features

Sensor Package	Plug & Play
Accelerometer Type	3-Wire Voltage
Vibration Sensor Product Type	Piezoelectric Accelerometer

Configuration Features

Electrical Connection	Integral Cable
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Electrical Characteristics

Excitation Voltage Range	3.3 - 5.5 VDC
Full Scale Output Voltage	±1.25 VDC

Signal Characteristics

Frequency Response	2-10000 Hz
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Body Features

Primary Product Material	Anodized Aluminum
Product Weight	2.2 g[.078 oz]
Number of Sensing Axes	Uniaxial

Mechanical Attachment

Sensor Mount Type	Adhesive
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Usage Conditions

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Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]
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Operation/Application

Output Current Type	AC
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Other

Non-Linearity (FSO)	±2 %
Acceleration Range (±)	50 g
Sensitivity	25 mV/g

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	Out of Scope
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: JAN 2024 (240) 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.

Compatible Parts






TE Part # 20013572-00  
8201-0100-120



TE Part # 20013573-00  
8201-0500-120

Also in the Series

MEAS 8201



Vibration Sensors(6)

Customers Also Bought



TE Part # DT04-12PA-BL10  
REC, 12P, BLK, E, ENH KEY, XCAP, FLANGE,A



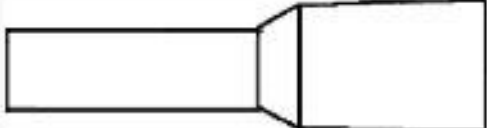
TE Part # 2176076-2  
TLRS1050 4.0W R001 1% 60PPM 3K RL



TE Part # 20011424-01  
830M1-0100 Triaxial 100g Tray 25pcs



TE Part # T4110412051-000  
M12 F, 5P GOLD B\_CODE S SHIELDED PG9



TE Part # 1-966067-7  
FER,WIRE,PL SLV,2.50/14,L12,BLUE,LP



TE Part # 1-1658623-0  
50 NOVO MIL 30DP, LEAD FREE



TE Part # 1-1879214-9  
CPF 0402 499R 0.1% 25PPM 1K RL



TE Part # 2-320571-2  
PIDG R 22-16 COMM 22-18MIL 1/4



TE Part # TCD14741111-003  
M12D4-MS-RJ-PVC-22SH-TYPE B GREEN-1.5M



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_20013571-00\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_20013571-00\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_20013571-00\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

8201\_Accelerometer

English