



Sensors > Vibration Sensors



Accelerometer Type: **MEMS DC**
Vibration Sensor Product Type: **MEMS Accelerometer**
Number of Sensing Axes: **Triaxial**
Frequency Response: **0-200 Hz**
Full Scale Output Voltage: **.5 – 4.5 VDC**

Features

Product Type Features

Sensor Package	Plug & Play
Accelerometer Type	MEMS DC
Vibration Sensor Product Type	MEMS Accelerometer

Configuration Features

Electrical Connection	Integral Cable
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Electrical Characteristics

Excitation Voltage Range	5 – 30 VDC
Full Scale Output Voltage	.5 – 4.5 VDC

Signal Characteristics

Frequency Response	0-200 Hz
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Body Features

Primary Product Material	Nylon 6-6
Product Weight	50 g[.175 oz]
Number of Sensing Axes	Triaxial

Mechanical Attachment

Sensor Mount Type	Screw Mount
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Output Current Type	DC
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Industry Standards

IP Rating	IP65
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Other

Non-Linearity (FSO)	±1 %
Acceleration Range (±)	6 g
Sensitivity	333 mV/g

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2022 (224) Does not contain REACH SVHC
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 # 4030-002-120
2G TRIAXIAL MEMS DC
ACCELEROMETER

Also in the Series

MEAS 4030

Vibration Sensors(4)

Customers Also Bought

TE Part #397892-000
RMW-16/5-1200/ADH-0

TE Part #M902-2054
COMP NUT, 6/9/24SZ,CBL SZ .570-.
710,HD10

TE Part #9-1971773-2
PTL 1X2 PLUG HSG HIGH TEMP KEY
A LGR

TE Part #1971781-2
Receptacle Contact — POWER TRIPLE
LOCK

TE Part #2132415-2
EP2.5 Shrouded HDR ASSY 2P VERT w
/o boss

TE Part #1-1969694-2
PTL 1X2 PCB HEADER R/A HITEMP
KEY A LGR

TE Part #HDP24-24-47PE-L017
REC, 47P, BLK, E, RNG, 16/20, P

TE Part #DT04-6P-E008
REC, 6P, GRY, N, XCAP

TE Part #1-1393310-9
26A1348B=TERMINAL,CRMP,OC.250,



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4030-006-120_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4030-006-120_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4030-006-120_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

4020_4030_Accelerometer

English