20014841-00 ✔ ACTIVE

MEAS | MEAS EGCS

TE Internal #: 20014841-00

MEMS Accelerometer, Uniaxial Sensing, Screw Mount, MEAS EGCS

View on TE.com >

Sensors > Vibration Sensors



Accelerometer Type: **MEMS DC**

Vibration Sensor Product Type: **MEMS Accelerometer**

Number of Sensing Axes: **Uniaxial**

Frequency Response: **0-1300 Hz**

Full Scale Output Voltage: **±.2 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

Electrical Characteristics

Excitation Voltage Range	2 – 15 VDC
Zero Acceleration Output	±20 mV
Full Scale Output Voltage	±.2 VDC

Signal Characteristics

Frequency Response	0-1300 Hz

Body Features

Product Weight	10 g[.35 oz]
Primary Product Material	Stainless Steel
Number of Sensing Axes	Uniaxial

Mechanical Attachment

Sensor Mount Type	Screw Mount

Usage Conditions

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

Operation/Application

Output Current Type	DC

Industry Standards

IP Rating	IP66

Other

Non-Linearity (FSO)	±1 %
Acceleration Range (±)	250 g
Sensitivity	.8 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
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 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) Pb (1.1% in 74010107) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. 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 applicable 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 # EGCS-5-C20037
EGCS-D1SM-5-/V2.5/C



TE Part # EGCS-10K-C20105
EGCS-D0-10000-/V10/L10M



TE Part # EGCS-100-C10014
EGCS-D1S-100



TE Part # 20010109-00
EGCS-D0-2500-/L5M



TE Part # 20009500-00
EGCS-D0-25-/L2M



TE Part # EGCS-50-C20058
EGCS-S425-50

Also in the Series | MEAS EGCS



MEMS Accelerometers(66)



Vibration Sensors(66)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



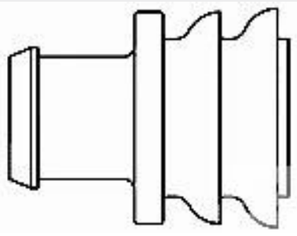
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_20014841-00_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_20014841-00_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_20014841-00_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

EGCS_D0_D1S_Accelerometer

English