

805M1-0020

✓ ACTIVE

MEAS | MEAS 805

TE Internal #: 805M1-0020

AC Response Embedded Accelerometers, Uniaxial Sensing, MEAS 805

[View on TE.com >](#)

Sensors > Vibration Sensors

Accelerometer Type: **3-Wire Voltage**Vibration Sensor Product Type: **AC Response Embedded Accelerometers**Number of Sensing Axes: **Uniaxial**Frequency Response: **1 to 8000 Hz**Full Scale Output Voltage: **±2 VDC**

Features

Product Type Features

| | |
|-------------------------------|-------------------------------------|
| Accelerometer Type | 3-Wire Voltage |
| Vibration Sensor Product Type | AC Response Embedded Accelerometers |

Electrical Characteristics

| | |
|---------------------------|-------------|
| Excitation Voltage | 3 – 5.5 VDC |
| Full Scale Output Voltage | ±2 VDC |

Signal Characteristics

| | |
|--------------------|--------------|
| Frequency Response | 1 to 8000 Hz |
|--------------------|--------------|

Body Features

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

Mechanical Attachment

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|---------------|----------|
| Mounting Type | Adhesive |
|---------------|----------|

Usage Conditions

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

Other

| | |
|--------------|---------|
| Nonlinearity | ±1 %FSO |
|--------------|---------|

| | |
|------------------------------|----------|
| Acceleration Range (\pm) | 20 g |
| Sensitivity | 100 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

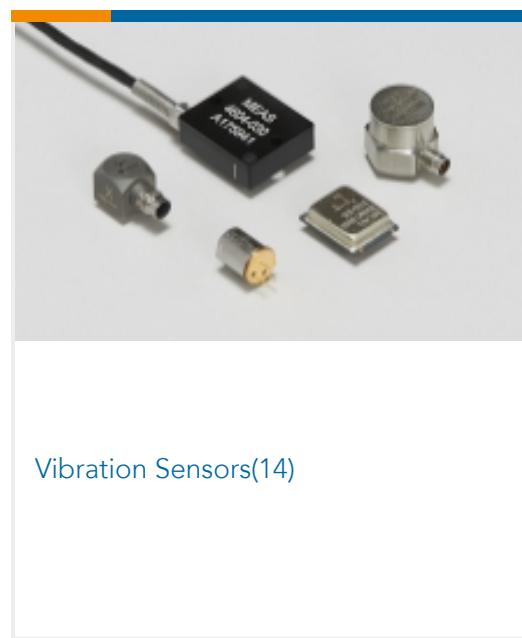
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



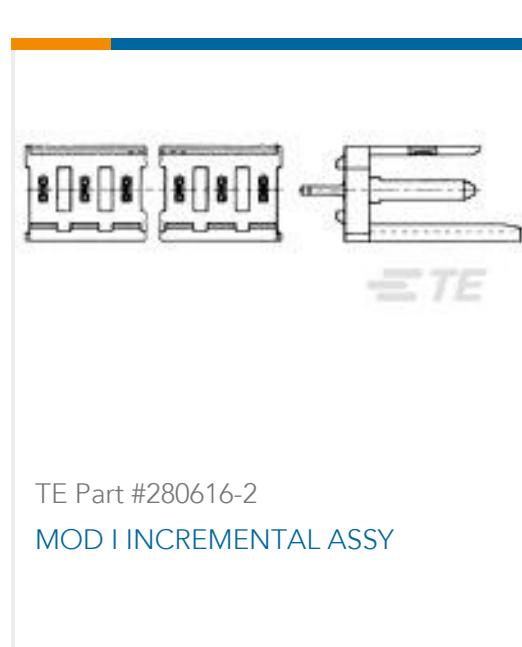
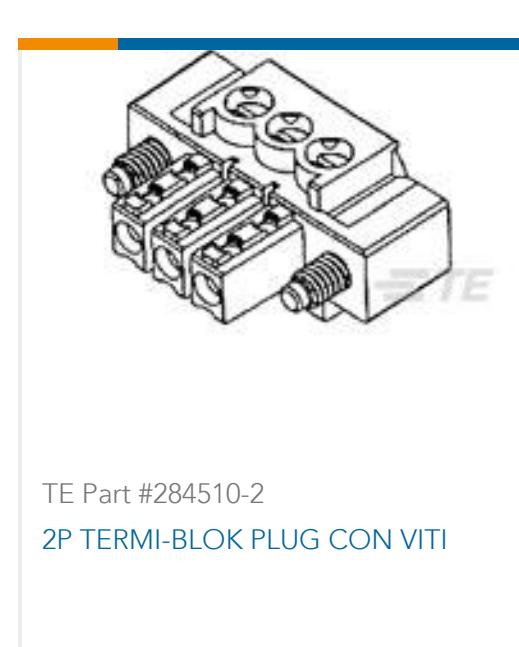
TE Part # 805M1-0020-01
805M1-0020-01 TO-5 Accelerometer

Also in the Series | MEAS 805



Vibration Sensors(14)

Customers Also Bought

TE Part #5227726-2
ISOLATED BNC SOLDER JACK ASSYTE Part #T4013008031-000
M8,SCREW, MALE,R/A,UNSHIELD,3P, GOLDTE Part #2-331272-6
SOCKET,MIN-SPR AU SER-2TE Part #1879453-1
TE 1000W 1R0 5% BracketTE Part #280616-2
MOD I INCREMENTAL ASSYTE Part #5-146280-2
02 MODII HDR SRST B/A .100CLTE Part #284510-2
2P TERMI-BLOK PLUG CON VITITE Part #805-0050-01
805-0050-01 TO-5 AccelerometerTE Part #5899143001
ACW0219-0.75-0(NS)TE Part #805-0500
805-0500 TO-5 Accelerometer

Documents

CAD Files

[3D PDF](#)
[3D](#)

Customer View Model

[ENG_CVM_CVM_805M1-0020_M.2d_dxf.zip](#)
[English](#)

Customer View Model

[ENG_CVM_CVM_805M1-0020_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_805M1-0020_M.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[805M1_Accelerometer](#)

English