



MEAS | MEAS FX29

TE Internal #: 20009605-13

TE Internal Description: FX293X-100A-0025-L

Compact Compression Load Cell

[View on TE.com >](#)

Sensors > Force Sensors > Compact Compression Load Cell



Force Sensor Type: OEM Compression Load Cells

Force Direction: Compression

Full Scale Range: 25 lbf

Operating Temperature Range: 0 – 50 °C [ 32 – 122 °F ]

Supply Voltage Range: 5 VDC

[All Compact Compression Load Cell \(46\)](#)

## Features

### Product Type Features

|                   |                            |
|-------------------|----------------------------|
| Force Sensor Type | OEM Compression Load Cells |
|-------------------|----------------------------|

### Electrical Characteristics

|                      |        |
|----------------------|--------|
| Full Scale Range     | 25 lbf |
| Supply Voltage Range | 5 VDC  |

### Usage Conditions

|                             |                        |
|-----------------------------|------------------------|
| Operating Temperature Range | 0 – 50 °C[32 – 122 °F] |
| Accuracy                    | ±1 % of FS             |

### Operation/Application

|                    |    |
|--------------------|----|
| Output Signal Type | 4V |
|--------------------|----|

### Other

|                   |             |
|-------------------|-------------|
| Force Direction   | Compression |
| Zero Shift in CTR | ±.05 %FS/°C |
| Sensitivity Shift | ±.05 %FS/°C |

## 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content   |
| Solder Process Capability                     | Not reviewed for solder process capability   |

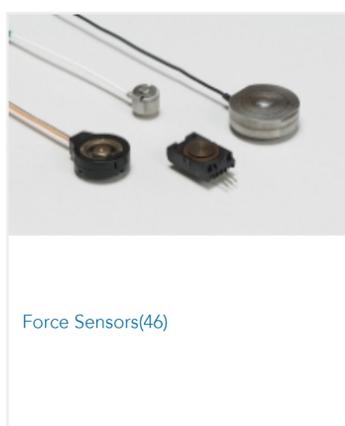
Product Compliance Disclaimer

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



## Also in the Series | MEAS FX29



## Customers Also Bought



## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_20009605-13\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_20009605-13\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_20009605-13\\_D.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[FX29 COMPRESSION LOAD CELL](#)

English