

MEAS | MEAS FX29

TE Internal #: 20009605-09

TE Internal Description: FX293X-040B-0025-L

Compact Compression Load Cell

[View on TE.com >](#)

Sensors &gt; Force Sensors &gt; Force Sensor Elements &gt; Compact Compression Load Cell



Force Sensor Type: OEM Compression Load Cells

Full Scale Range: 25 lbf

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

Output Signal Type: 4V

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

## Features

### Product Type Features

Force Sensor Type	OEM Compression Load Cells
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### Electrical Characteristics

Supply Voltage Range	5 VDC
Full Scale Range	25 lbf

### Usage Conditions

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

### Operation/Application

Output Signal Type	4V
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### Other

Zero Shift in CTR	±.05 % of FS
Sensitivity Shift	±.05 % of FS
Force Direction	Compression

## 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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

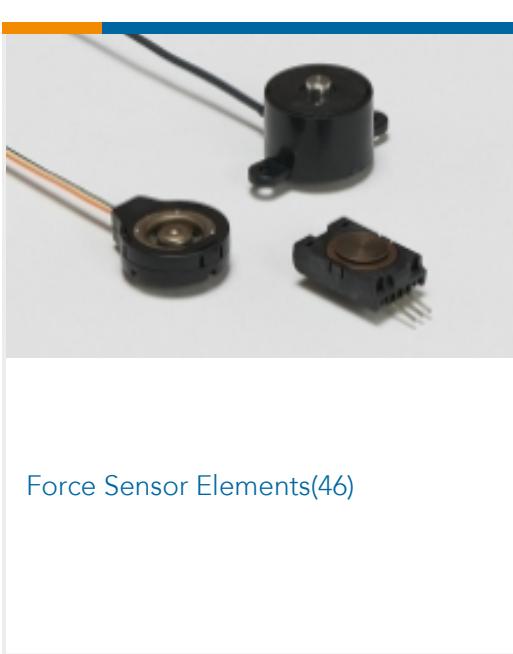
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



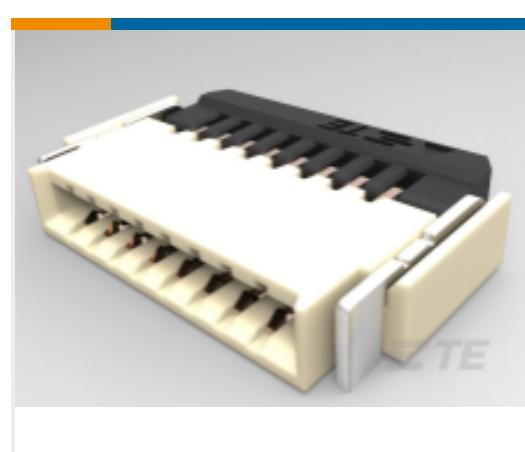
TE Part # CAT-FSE0006  
Compact Compression Load Cell

## Also in the Series | MEAS FX29

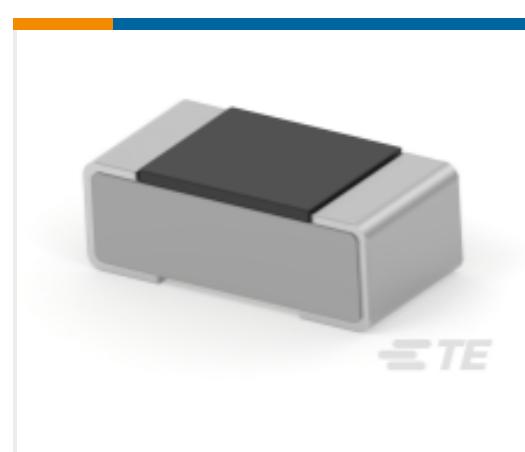


Force Sensor Elements(46)

## Customers Also Bought



TE Part # 2328702-6  
6PIN 0.5MMP FPC CONNECTOR,  
BACK FLIP LOCK



TE Part # 1-2176338-9  
CRGCQ 0402 1K0 5%



TE Part # FS1901-0000-0500-G  
500 GRAM FORCE 20MV/V FORCE  
LOAD CELL



TE Part # 20009605-14  
Compact Compression Load Cell



TE Part # HPP805A031  
HM1500LF HUMIDITY MODULE



TE Part # 464234-E  
SRCP 1,27 8 F 1 IDC22 137 E1 162 1,27  
TR



TE Part # 440146-3  
1.25mm WTB Socket,Housing,3p



TE Part # 464247-E  
SRCA 1,27 8 F 1 IDC22 137 E1 094 1,27  
TR



TE Part # 20010810-00  
4610-005-010-V

## Documents

[Datasheets & Catalog Pages](#)  
[FX29 COMPRESSION LOAD CELL](#)

English