



Sensors > Force Sensors > Force Sensor Elements > Compact Compression Load Cell



Force Sensor Type: OEM Compression Load Cells

Full Scale Range: 100 lbf

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

Output Signal Type: 20 mV/V

[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	100 lbf

Usage Conditions

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

Operation/Application

Output Signal Type	20 mV/V
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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
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EU ELV Directive 2000/53/EC	Out of Scope
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) SVHC > Threshold: 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.14% in Component Part)
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



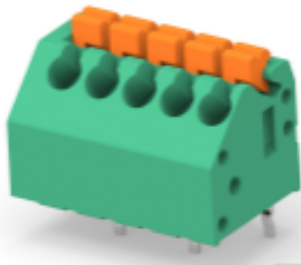
TE Part # FC2231-0000-0100-L  
MID RANGE COMPRESSION SENSOR




TE Part # 1879457-1  
TE 2500W 1R0 5% Bracket




TE Part # 60290-2  
250 FASTON FLAG REC 18-14 AWG  
TPBR




TE Part # 1-2834011-5  
5POS 3.5MM TOP ENTRY  
SCREWLESS CONN.




TE Part # 226990-1  
RTANG JACK, BNC PCB




TE Part # 927837-1  
SPT REC 6.3 Contact SRC Sn



TE Part # 7121976001  
RBK-VWS-125-NR3-X-65MM



TE Part # FX1901-0001-0100-L  
FX1901-0001-0100-L



TE Part # 1-1393154-7  
PT580024

Documents

Datasheets & Catalog Pages  
FX29 COMPRESSION LOAD CELL  
English