

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: 14 Bit I2C

[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	3 VDC
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Full Scale Range	100 lbf
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Usage Conditions

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

Output Signal Type	14 Bit I2C
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Other

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

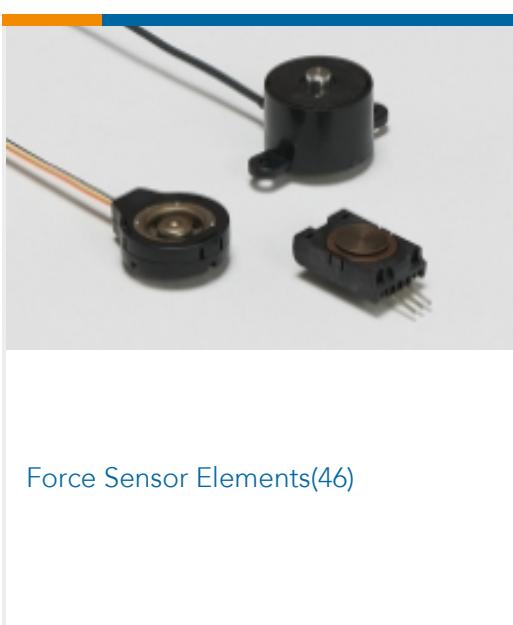
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 20009605-20
Compact Compression Load Cell



TE Part # 2-1761603-6
IDC LOW PRO HDR 16P VERT BLUE



TE Part # 1-1825910-4
FSM8JH=6MM TACT SWITCH, HIGH TEMP



TE Part # 2829724-1
CABLE ASSEMBLY, GROUND CLIP 4 INCHES



TE Part # 20010085-72
PRESS XDCR M32JM-00010B-350BG



TE Part # 5-1618387-7
LEV200A5NAF=RELAY, 24Vdc SPST NO



TE Part # T4113411051-000
M12 M, 5P GOLD B_CODE RA SHIELDED PG7



TE Part # 1734193-1
WTB Socket,Terminal 80u" Tin

Documents

Datasheets & Catalog Pages

[FX29 COMPRESSION LOAD CELL](#)

English