



Sensors > Force Sensors > Force Sensor Elements > COMPRESSION LOAD CELL - 100MV



Force Sensor Type: OEM Compression Load Cells

Full Scale Range: 25 lbf

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

EU RoHS Compliance: Compliant with Exemptions

EU ELV Compliance: Compliant with Exemptions

All COMPRESSION LOAD CELL - 100MV (5)

Features

Other

Sensitivity Shift	±.05 % of FS
Zero Shift in CTR	±.05 % of FS
Force Direction	Compression
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Usage Conditions

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

Electrical Characteristics

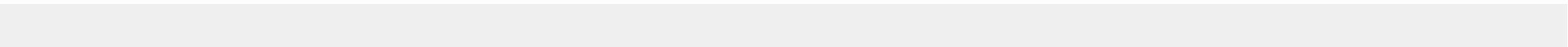
Supply Voltage Range	5 VDC
Full Scale Range	25 lbf

Product Type Features

Force Sensor Type	OEM Compression Load Cells
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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 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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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-FSE0005
COMPRESSION LOAD CELL - 100MV

Also in the Series | MEAS FX1901



Force Sensor Elements(5)



Customers Also Bought



TE Part #FS2050-0000-1500-G
FS2050 COMPRESSION LC1500 GRAM



TE Part #DT06-3S-PP01
PLG, 3P, BLK, SEAL RET, 120 OHM RESISTOR



TE Part #2-1623730-4
BCHE 4 W 68R 5%



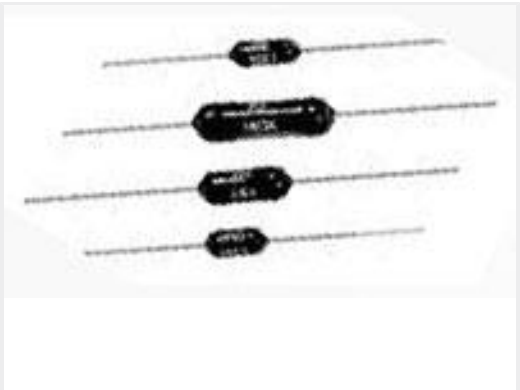
TE Part #1879452-5
TE 750W 2R2 5% Bracket



TE Part #2-111446-0
026 UNIV I/O 30DP NO EARS



TE Part #284414-5
TERMI-BLOK 900 PCB 5 POS 3,5 m



TE Part #1879664-6
H8 1K3 0.1% 15PPM



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



TE Part #1005940-1
LDTC - Vertical



TE Part #54311-1
TERMINAL,PIDG R 26-24 8

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_FX1901-0001-0025-L_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_FX1901-0001-0025-L_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_FX1901-0001-0025-L_G.3d_stp.zip

English

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

Datasheets & Catalog Pages

FX19

English

