



Sensors > Force Sensors > COMPRESSION LOAD CELL - 100MV / 0.5-4.5V



Force Sensor Type: OEM Compression Load Cells
Force Direction: Compression
Full Scale Range: 2000 lbf
Operating Temperature Range: -40 – 85 °C [-40 – 185 °F]
Supply Voltage Range: 5 VDC

[All COMPRESSION LOAD CELL - 100MV / 0.5-4.5V \(16\)](#)

Features

Product Type Features

Force Sensor Type	OEM Compression Load Cells
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Electrical Characteristics

Full Scale Range	2000 lbf
Supply Voltage Range	5 VDC

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Accuracy	±1 % of FS

Operation/Application

Output Signal Type	.5 – 4.5 V
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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	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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.13% in Component Part) Pb (18% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

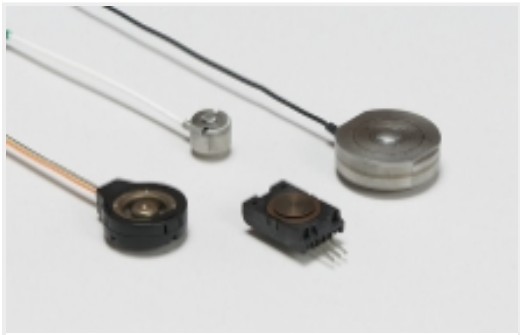


TE Part # FS1901-0000-3000-G
3000G COMPRESSION SENSOR



TE Part # FC2331-0000-0500-L
FC23 AMPLIFIED 2FT CABLE 500L

Also in the Series | MEAS FC



Force Sensors(25)

Customers Also Bought



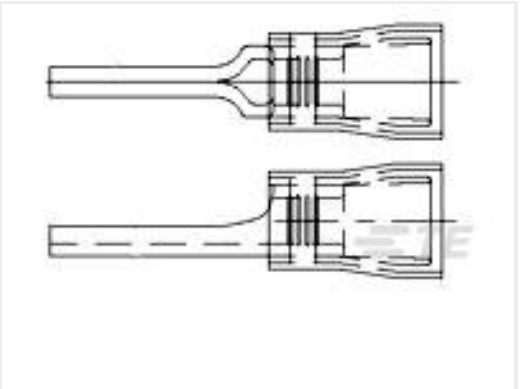
TE Part #CAT-FSE0002
COMPRESSION LOAD CELL - 100MV / 0.5-4.5V



TE Part #HDP26-24-21PN-L017
PLG, 21P, BLK, N, RNG, 12/16, P



TE Part #100616-2
8/8 MOD.JACK ASSY TE SHIELDED



TE Part #165085-1
PG WIRE PIN YELLOW



TE Part #3-1393104-8
KRPA-11AY-240=KRPA



TE Part #1879004-5
RSS7 33K 5% LOOSE



TE Part #2294415-1
INDUSTRIAL MINI I/O HDR TYPE I TRAY



TE Part #R-10224-16
RTD,SM,SR,P100,385,.5%,.06T



TE Part #1-1587987-7
RECEPTACLE ASSEMBLY, Shunt, MSD

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_FC2331-0000-2000-L_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_FC2331-0000-2000-L_F.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_FC2331-0000-2000-L_F.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[FC23](#)

English