



MEAS | MEAS FC

TE Internal #: FC2331-0000-0250-L

TE Internal Description: FC23 AMPLIFIED 2FT CABLE 250L

COMPRESSION LOAD CELL - 100MV / 0.5-4.5V

[View on TE.com >](#)

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



Force Sensor Type: OEM Compression Load Cells

Full Scale Range: 250 lbf

Operating Temperature Range: -40 – 85 °C [-40 – 185 °F]

Output Signal Type: .5 – 4.5 V

[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

Supply Voltage Range	5 VDC
Full Scale Range	250 lbf

Usage Conditions

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

Operation/Application

Output Signal Type	.5 – 4.5 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

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)

SVHC > Threshold:
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.15% in component part)

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

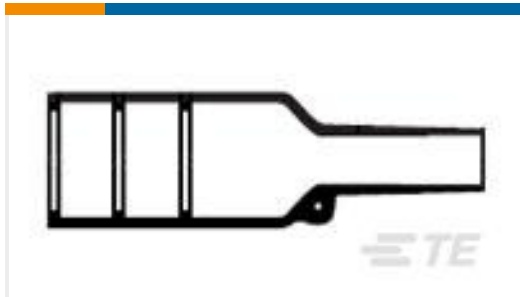


Also in the Series | **MEAS FC**



Force Sensor Elements(25)

Customers Also Bought



TE Part #396040-000
202K111-25-0



TE Part #3-1622820-2
3520 2K7 5%



TE Part #745414-1
50 PLUG SP/MS STD



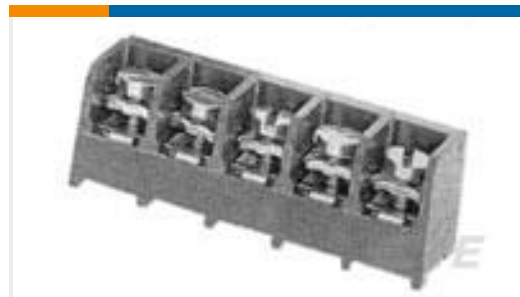
TE Part #6116202-1
MJ,TE,8P,COMPL.PIN,CAT5,PC



TE Part #1-794612-2
PIN CONT 20-24 30 GOLD L/P



TE Part #4-1676914-1
YR1 0.1% 49K9



TE Part #1437652-1
6PCR-08-008=6 SERIES ASSEMBLY



TE Part #1623285-1
CRG0805 1% 7K5



TE Part #TXM-315-LR
Module LR 315MHz AM OOK TX XMTR

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_FC2331-0000-0250-L_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_FC2331-0000-0250-L_B.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_FC2331-0000-0250-L_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

FC23

English