FC2331-0000-0250-L V ACTIVE

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
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
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
------------------------------	---------------------------



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

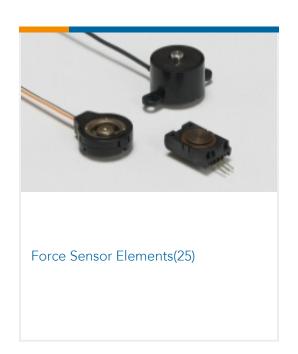
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

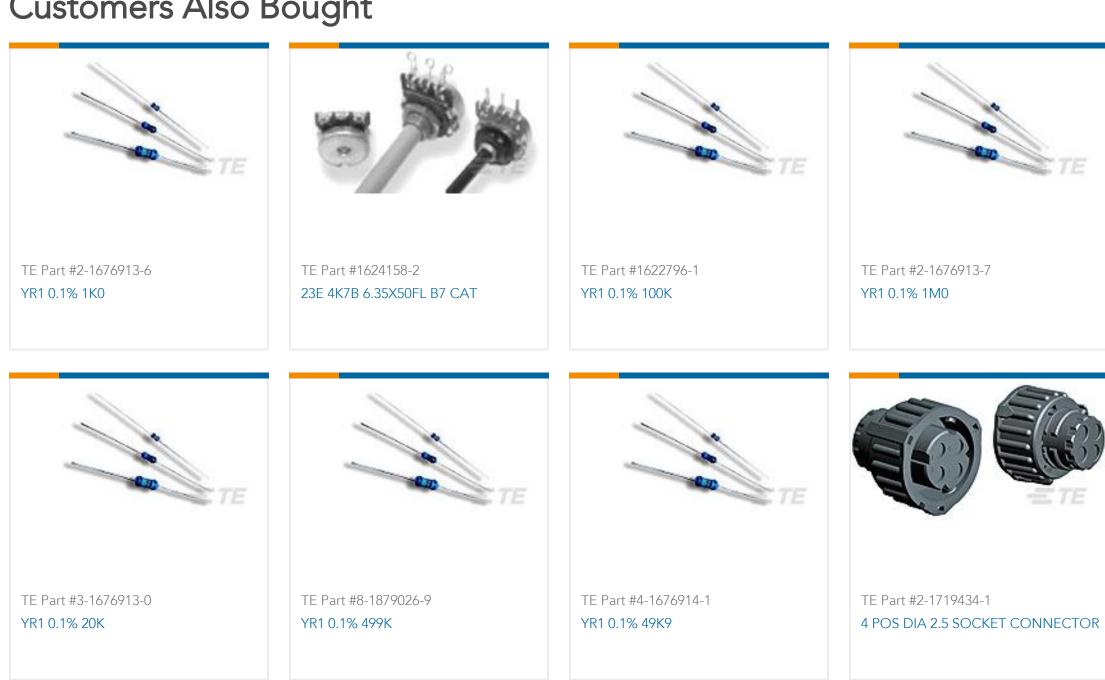


Also in the Series | MEAS FC





Customers Also Bought



Documents

Datasheets & Catalog Pages

FC23

English