



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]

[All COMPRESSION LOAD CELL - 100MV \(5\)](#)

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	25 lbf

Usage Conditions

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

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
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)
SVHC > Threshold:
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.14% in Component Part)

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

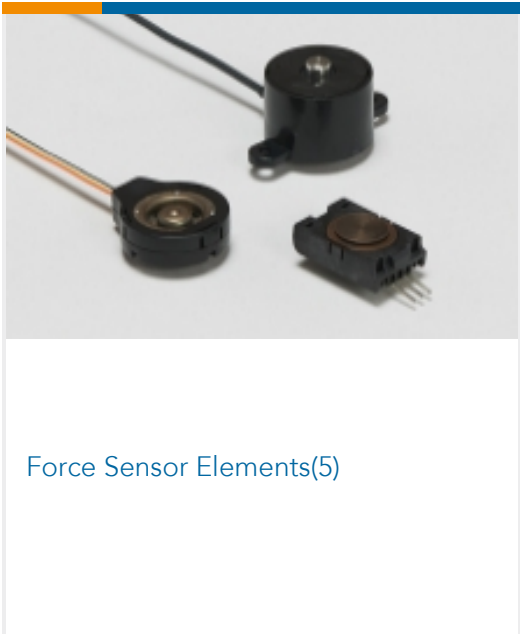
Product Compliance Disclaimer

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 FX1901



Customers Also Bought



TE Part # 2-1879021-3
SMW3 R82 5%

TE Part # 165171
P.G. WIRE PIN 16-14

TE Part # 284507-8
8 POS TERMI-BLOK PLUG STAC 3,8

TE Part # 5-160313-2
250 PIDG FASTON REC

TE Part # 86BSD150PA-3AIC
150 PSIA 14 BIT DIGITAL PRESSURE
SENSOR

TE Part # 4525DO-DS3AI005DPF
PCB MOUNTED DIGITAL PRESSURE
SENSOR

TE Part # 66025-2
TAB,PIDG TERMI-BK 12-10

TE Part # 6-102316-3
MOD IV RECP LP LF

TE Part # PF5010155
PT TEMPERATURE SENSOR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_FX1900-0000-0025-L_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_FX1900-0000-0025-L_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_FX1900-0000-0025-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