



MEAS | MEAS FX1901

TE Internal #: FX1901-0001-0100-L

TE Internal Description: FX1901-0001-0100-L

COMPRESSION LOAD CELL - 100MV

[View on TE.com >](#)

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



Force Sensor Element Sensor Type: OEM Compression Load Cells

Full Scale Range: 100 – 100 lbf

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

Zero Shift in CTR: ±.05 % of FS

Sensitivity Shift: ±.05 % of FS

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

Features

Product Type Features

Force Sensor Element Sensor Type	OEM Compression Load Cells
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Electrical Characteristics

Supply Voltage	5 VDC
Full Scale Range	100 – 100 lbf

Usage Conditions

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

Accuracy	±1 % of FS
Force Direction	Compression
Zero Shift in CTR	±.05 % of FS
Sensitivity Shift	±.05 % of FS

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

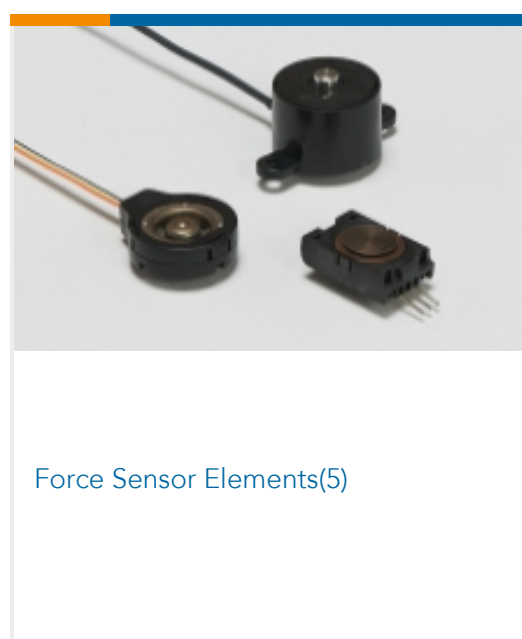
Product Compliance Disclaimer

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



Also in the Series | MEAS FX1901



Customers Also Bought



TE Part #85-500G-4C
500 PSIG 1/4-18 NPT PRESSURE SENSOR



TE Part #2-5499206-6
A/L UNIV HDR 26P VERT LG LAT BLUE



TE Part #1-6609037-8
3EMC3=F8146



TE Part #534206-8
16 MODII VRT DR CE 100/115



TE Part #89-01KA-4R
1000 PSIA 316L MV RIBBON PRESSURE SENSOR



TE Part #FC2311-0000-0500-L
FC23 MV 2FT CABLE 500L



TE Part #1-6609941-4
PM00SDHXB=C3428



TE Part #1445022-7
MICRO MNL RFCEPT HSG SINGLE R



TE Part #214346-E
SMCB 26 F AB VV 6-01 VH * 0008 137 E002



TE Part #925752-1
PIN REC 20-24 .010X.646

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_FX1901-0001-0100-L_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_FX1901-0001-0100-L_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_FX1901-0001-0100-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