

FX292X-100A-0100-L

✓ ACTIVE

MEAS | MEAS FX29

TE Internal #: 20009605-07

TE Internal Description: FX292X-100A-0100-L

Compact Compression Load Cell

[View on TE.com >](#)



Sensors > Force Sensors > Compact Compression Load Cell



Force Sensor Type: OEM Compression Load Cells

Force Direction: Compression

Full Scale Range: 100 lbf

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

Supply Voltage Range: 5 VDC

[All Compact Compression Load Cell \(46\)](#)

Features

Product Type Features

Force Sensor Type	OEM Compression Load Cells
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Electrical Characteristics

Full Scale Range	100 lbf
Supply Voltage Range	5 VDC

Usage Conditions

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

Operation/Application

Output Signal Type	20 mV/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: JAN 2025 (247) 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 Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

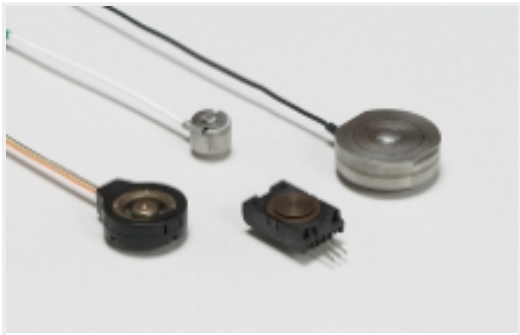
Product Compliance Disclaimer

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 FX29



Force Sensors(46)

Customers Also Bought



TE Part #FC2311-0000-0250-L
FC23 MV 2FT CABLE 250L



TE Part #1879457-1
TE 2500W 1R0 5% Bracket



TE Part #CAT-FSE0006
Compact Compression Load Cell



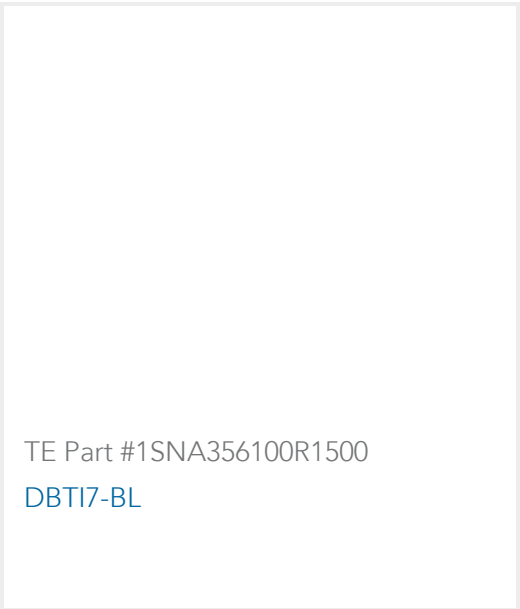
TE Part #FX1901-0001-0200-L
200 LBF COMPRESSION LOAD CELL
100MV



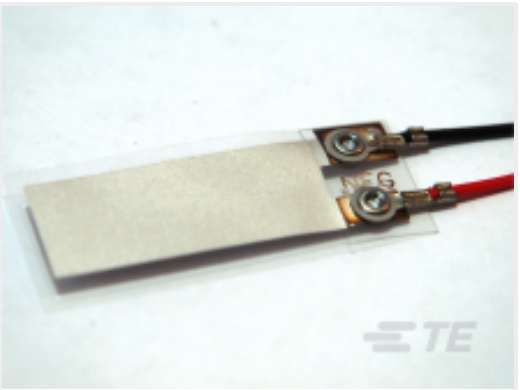
TE Part #1-1625999-4
HSC100 1R0 5%



TE Part #1676814-8
HSA5 1K21 1%



TE Part #1SNA356100R1500
DBTI7-BL



TE Part #11028414-00
LDT1-028K W/TH LEADS/RIVE



TE Part #965909-1
MQS PIN CONTACT SWS

Documents

Datasheets & Catalog Pages
FX29 COMPRESSION LOAD CELL

English