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 > Force Sensor Elements > Compact Compression Load Cell



Force Sensor Type: **OEM Compression Load Cells**

Full Scale Range: **100 lbf**

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

Output Signal Type: **20 mV/V**

All Compact Compression Load Cell (46)

Features

Product Type Features

Force Sensor Type	OEM Compression Load Cells

Electrical Characteristics

Supply Voltage Range	5 VDC
Full Scale Range	100 lbf

Usage Conditions

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

Operation/Application

Output Signal Type	20 mV/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	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: JUNE 2024 (241) 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



TE Part # CAT-FSE0006
Compact Compression Load Cell

Also in the Series | MEAS FX29



Force Sensor Elements(46)

FX292X-100A-0100-L

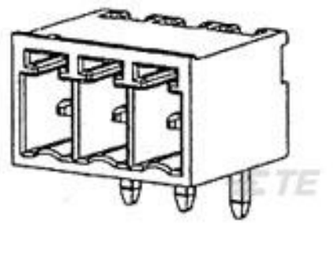
Customers Also Bought



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



TE Part #1676814-8
HSA5 1K21 1%



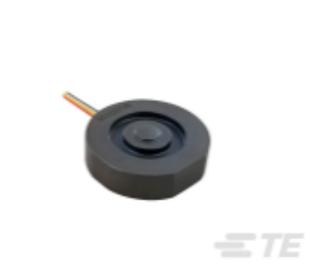
TE Part #284512-5
5 POS TERMI-BLOK HDR 900 POLAR



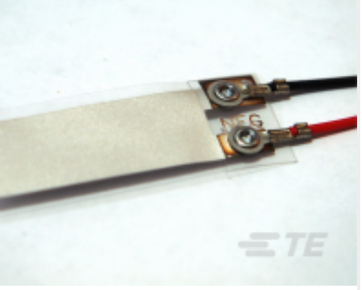
TE Part #1986371-2
Str Plug, 3.5mm, Green, LH, 2



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



TE Part #20009605-06
FX292X-100A-0050-L



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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-1123722-3 178964-5 2388278-1 937313-1 AKUA876NN0085152A000 1-178128-4 1-178140-5 175024-1 SMF71K6JT 2840451-1 59803-1 1-179554-3 172495-1 2071556-7 2425753-2 620144-000 T2020001005-000 TAD1483A201-002 1-480701-0 2267795-2 2303206-4 1376477-4 T4110001051-000 175020-1 1877285-7 353715-2 T1330060132-000 T4113011021-000 9-1318119-3 917700-1