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FS2030-000X-0500-G

FS2030 500G FORCE SENSOR



MEAS | MEAS FS

TE Internal #: **FS2030-000X-0500-G**
TE Internal Description: **FS2030 500G FORCE SENSOR**
[All FORCE SENSOR ELEMENTS STOCK LIST \(16\)](#)

Sensor Type : **OEM Compression Load Cells**
Full Scale Range (Nm): **5**
Operating Temperature Range : **-40 – 85 °C**
[-40 – 185 °F]
Zero Shift in CTR (% of FS): **±.05**
Sensitivity Shift (% of FS): **±.05**

We are here to help!
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Compatible Parts & Tooling

Documents

Datasheets & Catalog Pages

FS20
 [ENG_DS_FS20_A7.pdf](#) English

Features

Product Environmental Compliance

REACH Substance Communication Document
 [ENG_PC_RSCD_Lead_1.pdf](#) English

Product Compliance

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

Sensor Type : **OEM Compression Load Cells**

Electrical Characteristics

Full Scale Range (Nm): **5**
Supply Voltage (VDC): **5**

Usage Conditions

Operating Temperature Range : **-40 – 85 °C** **[-40 – 185 °F]**

Other

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

Feedback



EU RoHS
Directive
2011/65/EU

Substances: Pb

This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).

EU ELV Directive
2000/53/EC

Substances: Pb

China RoHS 2
Directive MIIT
Order No 32, 2016

部件名称 (Component Name) FS2030-000X-0500-G 传感器 (Sensors)	有害物质 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价 铬 (Cr6)	多溴联 苯 (PBB)	多溴二苯 醚 (PBDE)
	X	○	○	○	○	○
本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.						
○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。 Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.						
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。 Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.						
电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。 The EFUP value of EEP is defined according to SJ/T 11388 standard.						

EU REACH
Regulation (EC)
No. 1907/2006

Current ECHA Candidate List: **JAN 2019 (197)**
Candidate List Declared Against: **JUN 2018 (191)**
Pb (20% in IC MMQA12VT1 SC-74- Plating)

Halogen Content

Solder Process
Capability

Not reviewed for solder process capability

Statement of
Compliance

[Statement of Compliance pdf](#)

Compliance
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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 "free" 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>

Also in the Series | MEAS FS



Flow Switch (9)



Force Sensor Elements (7)