



MEAS

TE Internal #: G-MRCO-003

TE Internal Description: KMZ20M FIELD SENSOR W BIAS MAGNET

AMR Linear Low Field Sensor

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Sensors > Position Sensors > Magnetic Sensors > AMR Linear Low Field Sensor



Position Sensor Product Type: **Magnetic Low Field Sensor**

Sensor Package: **E-Line 4 Pin**

Output Signal Type: **Passive Analog**

Typical Signal Amplitude: **10 mV/V**

Typical Operating Voltage: **5 V**

Features

Product Type Features

Position Sensor Product Type	Magnetic Low Field Sensor
Sensor Package	E-Line 4 Pin

Electrical Characteristics

Typical Operating Voltage	5 V
Typical Average Current	3 mA

Usage Conditions

Operating Temperature Range	-40 - 150 °C[-40 - 302 °F]
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Operation/Application

Output Signal Type	Passive Analog
Typical Signal Amplitude	10 mV/V

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240)



Candidate List Declared Against: JUN 2020
(209)

Does not contain REACH SVHC

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



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_G-MRCO-003_1.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_G-MRCO-003_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_G-MRCO-003_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[KMY/KMZ Data Sheet](#)

English