



Sensors > Position Sensors > Signal Conditioners



Line Power Voltage Requirements: 10 – 18 VDC, 18 – 30 VDC

Signal Conditioning - LVDT/RVDT Output Type: 0 – 10 VDC, 0 – 5 VDC, ± 5 VDC

Transducer Type: LVDT or RVDT with 4, 5 or 6 wires

Operating Temperature Range: -25 – 85 °C [-13 – 185 °F]

Features

Electrical Characteristics

Line Power Voltage Requirements	10 – 18 VDC, 18 – 30 VDC
Signal Conditioning - LVDT/RVDT Output Type	0 – 10 VDC, 0 – 5 VDC, ± 5 VDC
Excitation Voltage	1 Vrms, 3 Vrms

Signal Characteristics

Excitation Frequency	2.5 kHz, 5 kHz, 10 kHz
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Mechanical Attachment

Signal Conditioning - LVDT/RVDT Mounting	Standard DIN-3 Rail Mount
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Usage Conditions

Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
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Other

Transducer Type	LVDT or RVDT with 4, 5 or 6 wires
Transducer Channels	1
Display	No

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: JUNE
2022 (224)

SVHC > Threshold:

Pb (90% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | MEAS LDM-1000



Customers Also Bought



Documents

Datasheets & Catalog Pages

[LVDT/RVDT Signal Conditioning Module](#)

English