



Sensors > Position Sensors > Signal Conditioners



Line Power Voltage Requirements: 103.5 – 126.5 VAC, 198 – 242 VAC

Line Power Frequency Requirements: 50 – 400 Hz

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

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

Operating Temperature Range: -40 – 40 °C [-40 – 104 °F]

Features

Electrical Characteristics

Line Power Voltage Requirements	103.5 – 126.5 VAC, 198 – 242 VAC
Signal Conditioning - LVDT/RVDT Output Type	0 – 10 VDC, ±10 VDC
Excitation Voltage	.5 Vrms, 3.5 Vrms

Signal Characteristics

Line Power Frequency Requirements	50 – 400 Hz
Excitation Frequency	2.5 – 10 kHz

Body Features

Signal Conditioning - LVDT/RVDT Weight	33.51 oz 950 g
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Mechanical Attachment

Signal Conditioning - LVDT/RVDT Mounting	1/8 DIN Standard Panel Mount
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Usage Conditions

Operating Temperature Range	-40 – 40 °C [-40 – 104 °F]
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Operation/Application

Calibration Procedure	Push-Button
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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

Not Yet Reviewed

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 2023 (233)
 Candidate List Declared Against: JAN 2022 (223)
 SVHC > Threshold:
 Pb (.35% 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 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 ATA-2001](#)



Signal Conditioners(2)

Customers Also Bought



TE Part #130517
PIDG 22-16 SPADE M4



TE Part #130522
PIDG SPADE



TE Part #1676475-2
RN 0805 9K76 0.1% 10PPM 1KRL



TE Part #02561022-000
LVDT HCT 1000 ASSY



TE Part #YDTS26F17-26SCV001
PLUG ASSY



TE Part #5053122016
RNF-100-1/4-6-STK



TE Part #5053112041
RNF-100-1/4-4-STK



TE Part #1123721-1
EP CONN. REC CONTACT



TE Part #20007437-01
PRESS XDCR M5271-00000W-200BG

Documents

Datasheets & Catalog Pages

[Analog LVDT/RVDT Signal Conditioner with digital calibration](#)

English