



Sensors > Position Sensors > Linear Position Sensors - LVDT/LVIT > GENERAL PURPOSE LVDT



Housing Diameter: 20.6 mm [.812 in]

Full Stroke Ranges: ± 5.08 mm [± 0.2 in]

Linearity: ± 0.25 % of Span

Linear Position Sensor - LVDT/LVIT Housing Material: **Stainless Steel**

Linear Position Sensor - LVDT/LVIT Form Factor: **Cylindrical**

All GENERAL PURPOSE LVDT (11)

Features

Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	3 V
Excitation Frequency	400 – 5000 Hz
Electrical Connections	Leads

Signal Characteristics

Excitation Frequency	.4 – 5 kHz
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Body Features

Linear Position Sensor - LVDT/LVIT Form Factor	Cylindrical
Spring Loaded	Separate Core

Housing Features

Housing Diameter	20.6 mm [.812 in]
Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel

Usage Conditions

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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Industry Standards

IP Rating	IP61
Industry Standards	RoHS

Other

Full Stroke Ranges	±5.08 mm[±.2 in]
Linearity	±.25 % of Span

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	Not Yet Reviewed
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: JUN 2020 (209) Not Yet Reviewed
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 | [HR](#)



Linear Position Sensors - LVDT/LVIT(13)

Customers Also Bought



TE Model / Part #5536460-5
ASSY,RECEPT,EURO,TYPE B,LEAD-F



TE Model / Part #4-1879338-8
CPF 0603 82K5 1% 50PPM 1K RL



TE Model / Part #9-1879337-6
CPF 0603 24K3 1% 50PPM 1K RL



TE Model / Part #5-146497-5
10 MODII HDR DRST UNSHRD STKG



TE Model / Part #1-1879338-5
CPF 0603 37K4 1% 50PPM 1K RL



TE Model / Part #1-1604800-4
ASSY,PLUG,QUADRAX,FREE
HANGING,12 POS



TE Model / Part #
YACT26MC98BNV00200
STRAIGHT PLUG



TE Model / Part #YDTS26G11-
99SAV001
PLUG ASSY

Documents

Datasheets & Catalog Pages

General Purpose LVDT

English