



Sensors > Position Sensors > LVDT Sensors > DC OPERATED LVDT



Linearity Error (Full Range): $\pm 0.25\%$
Case Material: **Stainless Steel**
Product Shape: **Cylindrical**
Supply Voltage Range: **-15 – 15 V**
Operating Temperature Range: **0 – 70 °C [32 – 158 °F]**

All DC OPERATED LVDT (8)

Features

Product Type Features

Product Shape	Cylindrical
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Configuration Features

Electrical Connection	Shielded Cable
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Electrical Characteristics

Supply Voltage Range	-15 – 15 V
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Body Features

Case Material	Stainless Steel
Core Configuration	Separate Core

Dimensions

Product Diameter	19.05 mm[.75 in]
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Usage Conditions

Operating Temperature Range	0 – 70 °C[32 – 158 °F]
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Operation/Application

Output Signal Type	$\pm 10\text{ V}$
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Industry Standards

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IP Rating	IP61
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Other

Linearity Error (Full Range)	±.25 %
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Terphenyl hydrogenated (10% in Component Part) Article Safe Usage Statements: 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




TE Part # CAT-LVDT0032
DC OPERATED LVDT



TE Part # CAT-LVDT0036
HERMETICALLY SEALED LVDT

Also in the Series | MEAS DC



LVDT Sensors(12)

Customers Also Bought



TE Part #1963796004
LSTT-R-12.7-0



TE Part #U7139-150PA-5W0000
PRESS XDCR U7139-150PA-5W0000



TE Part #34805
TERM, PIDG, RT, 16-14 HD, #10



TE Part #2-322777-1
PIDG SPDFLG 22-16COMM22-18MIL6



TE Part #4-1393104-2
KRPA-11DG-110=KRPA




TE Part #1-1609112-1
15CS1=F8271



TE Part #1-1622796-5
YR1 0.1% 200K



TE Part #1-1879444-6
TE 100W 18R 5% Bracket



TE Part #5053182032
RNF-100-3/8-9-STK



Documents

Datasheets & Catalog Pages

General purpose DC LVDT

English