



Sensors > Position Sensors > LVDT/LVIT Sensors > 0-5V AND 1-6V LVDT POSITION SENSOR



Housing Diameter: 19.05 mm [.75 in]

Full Stroke Ranges: ± 25.4 mm [± 1 in]

Linearity: ± 0.25 % of Span

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

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

[All 0-5V AND 1-6V LVDT POSITION SENSOR \(4\)](#)

Features

Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	8.5 – 28 V
Analog Output	0 – 5 V, 1 – 6 V
Electrical Connections	Shielded Cable

Body Features

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

Housing Features

Housing Diameter	19.05 mm [.75 in]
Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel

Usage Conditions

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

IP Rating	IP61
Industry Standards	RoHS

Other

Full Stroke Ranges	± 25.4 mm [± 1 in]
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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: JUNE 2023 (235)
 Candidate List Declared Against: JAN 2023 (233)
 SVHC > Threshold:
 Terphenyl hydrogenated (5% in Component)

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

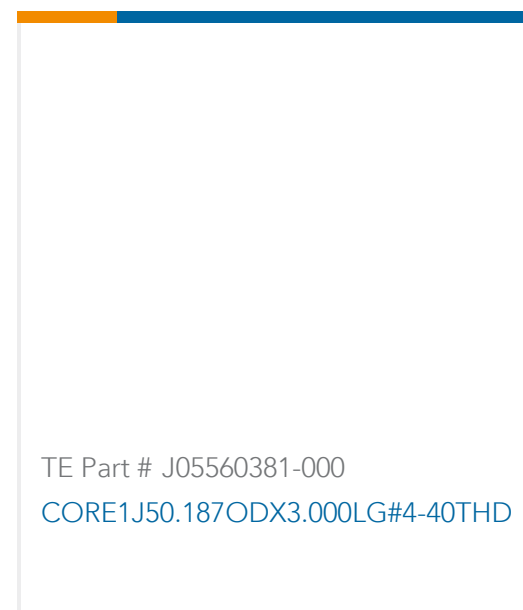
Solder Process Capability

Not reviewed for solder process capability

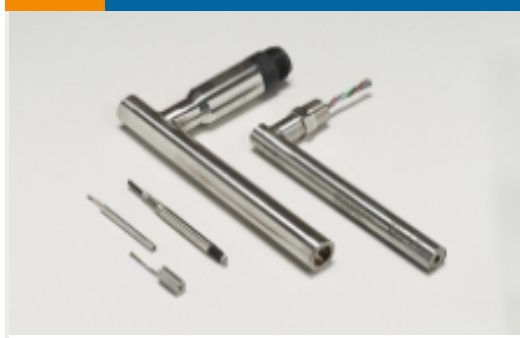
Product Compliance Disclaimer

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



Also in the Series | MEAS DC



LVDT/LVIT Sensors(12)

Customers Also Bought



TE Part #HD36-18-14SN-059
PLG,14P,AL,N, CBL CLMP BT, DRAIN,
16,S,MC



TE Part #1-6609036-6
40VSK6=F7775 S0



TE Part #5-1618388-8
LEV200A6NAA=RELAY, SPST-NO



TE Part #1-1393117-6
KUP-11AT5-240=KU



TE Part #DRC12-40PA
REC, 40P, BLK, N, FLANGE, A



TE Part #DT04-3P-P007
REC, 3P, GRY, Y-SPLITTER



TE Part #1SNA165130R2300
M16/12.P



TE Part #T2196503201-000
HCM650-FC



TE Part #M3031-000005-250PG
PRESS XDCR M3031-000005-250PG

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_02560993-000_H.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG_CVM_CVM_02560993-000_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_02560993-000_H.3d_stp.zip](#)

English

3D PDF

3D

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[ENG_CVM_CVM_J05560381-000_A.2d_dxf.zip](#)

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Customer View Model

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Customer View Model

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English

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Datasheets & Catalog Pages

General purpose DC LVDT

English