



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



Housing Diameter: 19.05 mm [.75 in]

Full Stroke Ranges: ± 50.8 mm [± 2 in]

Linearity: $\pm .25$ % 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	± 50.8 mm [± 2 in]
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Linearity

±.25 % of Span

Product Compliance

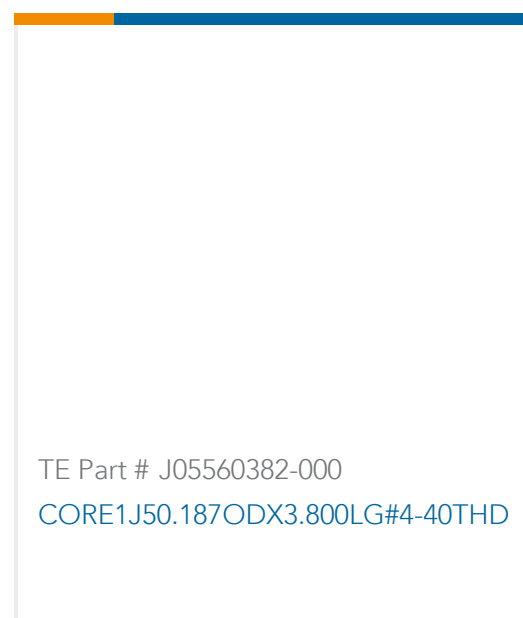
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
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) 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 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

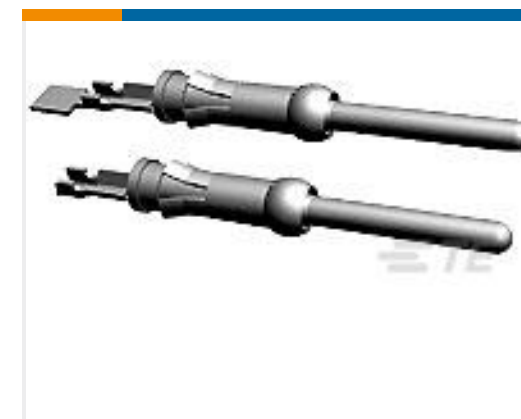


Also in the Series | [MEAS DC](#)



LVDT/LVIT Sensors(12)

Customers Also Bought

TE Part #206705-2
CPC 13-9 FREE HANGING RECPTTE Part #206966-7
CABLE SHELL CLAMP SIZE 13TE Part #T4110001081-000
M12,FEMALE,STRAIGHT,A CODE,8P,
PG7,GOLDTE Part #166995-2
20DP CRIMP PINTE Part #HDT-48-00
CRIMP TOOL, HANDTE Part #M3021-000005-100PG
PRESS XDCR M3021-000005-100PGTE Part #2823064-1
M12-DUST CAP-FEMALE CONN-IP67-
W/O SLEEVETE Part #1-66103-8
III+ PIN,24-20,TIN,LPTE Part #323986
TERMINAL,PIDG R 24-20 6TE Part #G-NSDOG1-006
AXISENSE-1 V-OUT-180 TILT SENSOR

Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_02560994-000_H.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_02560994-000_H.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_02560994-000_H.3d_stp.zip](#)

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Customer View Model

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Datasheets & Catalog Pages

[General purpose DC LVDT](#)

English