



Sensors > Position Sensors > LVDT/LVIT Sensors > ECONOMY LVDT POSITION SENSOR



Housing Diameter: 19.05 mm [.75 in]

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

Linearity: ± 0.5 % of Span

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

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

[All ECONOMY LVDT POSITION SENSOR \(6\)](#)

Features

Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	3 V
Excitation Frequency	50 – 10000 Hz
Electrical Connections	Leads

Signal Characteristics

Excitation Frequency	.05 – 10 kHz
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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	-55 – 95 °C [-67 – 203 °F]
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Industry Standards

IP Rating	IP61
Industry Standards	RoHS

Other

Full Stroke Ranges	±5.08 mm[±.2 in]
Linearity	±.5 % 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) 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 E Series](#)



LVDT/LVIT Sensors(6)

Customers Also Bought

TE Part #3-640442-4
04P MTA100 CONN ASSY BLUTE Part #02560391-000
LVDT HR 200 ASSYTE Part #20009605-07
FX292X-100A-0100-LTE Part #9-2176404-1
3550 47R 5%TE Part #02351008-000
HEAVY DUTY GAGE HEAD WITH MIL-C-5015TE Part #YDTS26F17-99SNV001
PLUG ASSYTE Part #DP86-015D
15 PSID MV DIFFERENTIAL PRESSURE SENSORTE Part #YDTS20F17-99PNV001
RECP ASSYTE Part #2138622-1
RELAY, EVC135, 26 OHM COIL (15" WIRE)

Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_02560542-000_J.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_02560542-000_J.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_02560542-000_J.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_05563597-000_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_05563597-000_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_05563597-000_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Economy Series AC LVDT](#)

English