



Sensors > Position Sensors > LVDT/LVIT Sensors > MINIATURE LIGHTWEIGHT LVDT



Housing Diameter: 9.52 mm [.375 in]

Full Stroke Ranges: ± 6.35 mm [$\pm .25$ in]

Linearity: $\pm .25$ % of Span

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

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

Features

Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	3 V
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Electrical Connections	Leads
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Signal Characteristics

Excitation Frequency	2 – 20 kHz
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Body Features

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

Housing Diameter	9.52 mm [.375 in]
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Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel
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Usage Conditions

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

IP Rating	IP61
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Industry Standards	RoHS
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Other

Full Stroke Ranges	± 6.35 mm [$\pm .25$ 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	Compliant
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: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 | [MEAS MHR](#)



LVDT/LVIT Sensors(36)

Customers Also Bought



TE Part #2-1609113-6
15CUFE1=F8297



TE Part #2-1419108-9
RTD14012F



TE Part #2-34162-1
TERMINAL,PG R 16-14 1/4



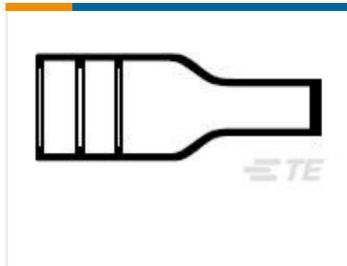
TE Part #34164
TERMINAL,PG R 16-14 3/8



TE Part #2316108-8
8P,2MM,REC,HSG,DR,CRIMP,PLAIN,
BOX



TE Part #5-2316113-6
2MM,REC,CNT,CRIMP,24-28AWG,0.76
UM,LP



TE Part #808981-000
202D121-3/42-0



TE Part #7580142002
DWP-125-3/8-0-STK



TE Part #02560411-000
LVDT MHR 500 ASSY



TE Part #ZPF000000000008192
983-6KE 08-03 SN

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_02560410-000_R.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_02560410-000_R.3d_igs.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_02560410-000_R.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[Miniature General Purpose AC LVDT](#)

English