

MEAS | MEAS E Series TE Internal #: 02560542-000 TE Internal Description: LVDT E 200 ASSY ECONOMY LVDT POSITION SENSOR

### View on TE.com >



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



Housing Diameter: 19.05 mm [.75 in]

Full Stroke Ranges: ±5.08 mm [ ±.2 in ]

Linearity: ±.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

Excitation Frequency

50 – 10000 Hz

3 V

Excitation Frequency	50 – 10000 Hz
Electrical Connections	Leads
Signal Characteristics	
Excitation Frequency	.05 – 10 kHz
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]
Industry Standards	
IP Rating	IP61
Industry Standards	RoHS

LVDT E 200 ASSY



### 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.

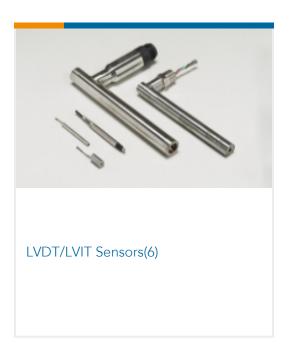
# **Compatible Parts**



# Also in the Series | MEAS E Series

LVDT E 200 ASSY





# Customers Also Bought



HEAVY DUTY GAGE HEAD WITH MIL-	PLUG ASSY	15 PSID MV DIFFERENTIAL PRESSURE	RECP ASSY
C-5015		SENSOR	



# 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

02560542-000

LVDT E 200 ASSY



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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages Economy Series AC LVDT

English