

02560389-000  ACTIVE

MEAS | HR

TE Internal #: 02560389-000

TE Internal Description: LVDT HR 050 ASSY

GENERAL PURPOSE LVDT

[View on TE.com >](#)



Sensors > Position Sensors > LVDT/LVIT Sensors > GENERAL PURPOSE LVDT



Linearity Error (Full Range): **±.25 %**

Case Material: **Stainless Steel**

Product Diameter: **20.6 mm [ .812 in ]**

Product Shape: **Cylindrical**

Supply Voltage Range: **3 V**

## Features

### Product Type Features

Product Shape	Cylindrical
---------------	-------------

### Configuration Features

Electrical Connection	Leads
-----------------------	-------

### Electrical Characteristics

Supply Voltage Range	3 V
----------------------	-----

### Signal Characteristics

Excitation Frequency	.4 – 5 kHz
----------------------	------------

### Body Features

Case Material	Stainless Steel
---------------	-----------------

Core Configuration	Separate Core
--------------------	---------------

### Dimensions

Product Diameter	20.6 mm[.812 in]
------------------	------------------

### Usage Conditions

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

### Industry Standards

IP Rating	IP61
-----------	------

### Other

Linearity Error (Full Range)

±.25 %

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

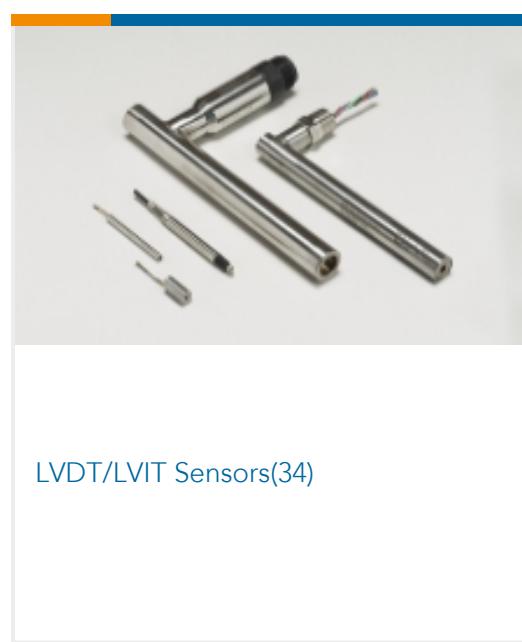
### Product Compliance Disclaimer

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

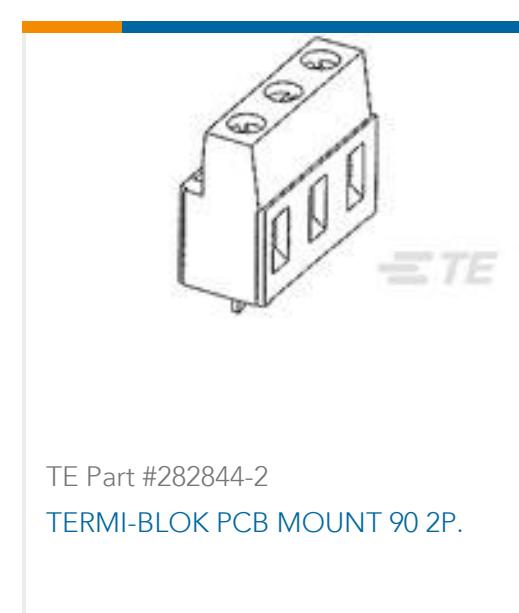
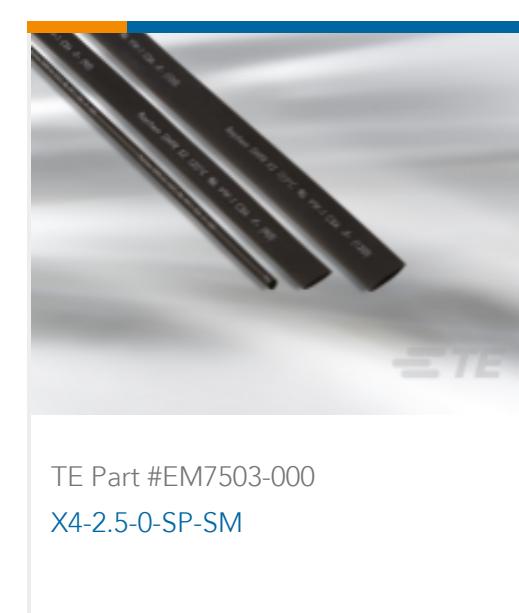
 TE Part # CAT-LVDT0020 <b>GENERAL PURPOSE LVDT</b>	 TE Part # 04560952-000 <b>MTG BLOCK ASSY SS, HR, XS-D</b>
--	--

## Also in the Series | **HR**



LVDT/LVIT Sensors(34)

## Customers Also Bought

TE Part #1-1703808-1  
4POS,TAB 2.8X0.8,TAB HSG,ASSY,TE Part #2205061-3  
CA MICRO-MATCH MOW-MOW  
6POSTE Part #1630027-6  
HSC300 1R0 5%TE Part #3-6609107-1  
PS0SSSS6A=C1075TE Part #T4145015041-001  
M12 Panel Mount PCBTE Part #7-215460-6  
MICRO-MATCH FSID PTE Part #282844-2  
TERMI-BLOK PCB MOUNT 90 2P.TE Part #EM7503-000  
X4-2.5-0-SP-SM

## Documents

### Datasheets & Catalog Pages

#### General Purpose LVDT

English