

02560981-000 ✓ ACTIVE

MEAS | MEAS DC

TE Internal #: 02560981-000

TE Internal Description: LVDT DC-EC 050 ASSY

DC OPERATED LVDT

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Linearity Error (Full Range):  $\pm .25\%$

Case Material: **Stainless Steel**

Product Shape: **Cylindrical**

Supply Voltage Range:  $-15 - 15\text{ V}$

Operating Temperature Range:  $0 - 70\text{ }^{\circ}\text{C}$  [  $32 - 158\text{ }^{\circ}\text{F}$  ]

[All DC OPERATED LVDT \(8\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                       |                |
|-----------------------|----------------|
| Electrical Connection | Shielded Cable |
|-----------------------|----------------|

### Electrical Characteristics

|                      |                     |
|----------------------|---------------------|
| Supply Voltage Range | $-15 - 15\text{ V}$ |
|----------------------|---------------------|

### Body Features

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

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

### Dimensions

|                  |                   |
|------------------|-------------------|
| Product Diameter | 19.05 mm [.75 in] |
|------------------|-------------------|

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature Range | $0 - 70\text{ }^{\circ}\text{C}$ [ $32 - 158\text{ }^{\circ}\text{F}$ ] |
|-----------------------------|---|

### Operation/Application

|                    |                   |
|--------------------|-------------------|
| Output Signal Type | $\pm 10\text{ V}$ |
|--------------------|-------------------|

### Industry Standards

IP Rating

IP61

**Other**

Linearity Error (Full Range)

±.25 %

**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

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)  
 Candidate List Declared Against: JAN 2025 (247)  
 SVHC > Threshold:  
 Terphenyl hydrogenated (10% in Component Part)

**Article Safe Usage Statements:**  
 Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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**

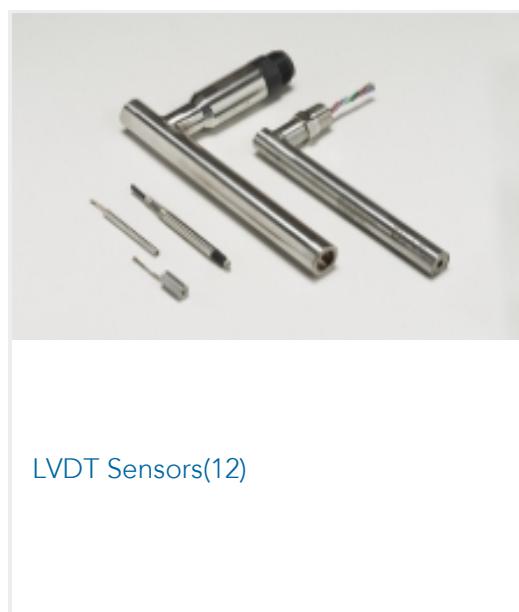


TE Part # CAT-LVDT0032  
DC OPERATED LVDT



TE Part # CAT-LVDT0036  
HERMETICALLY SEALED LVDT

## Also in the Series | MEAS DC



LVDT Sensors(12)

## Customers Also Bought



TE Part #1963796004  
LSTT-R-12.7-0



TE Part #U7139-150PA-5W0000  
PRESS XDCR U7139-150PA-5W0000



TE Part #34805  
TERM, PIDG, RT, 16-14 HD, #10



TE Part #2-322777-1  
PIDG SPDFLG 22-16COMM22-18MIL6



TE Part #4-1393104-2  
KRPA-11DG-110=KRPA



TE Part #1-1609112-1  
15CS1=F8271



TE Part #1-1622796-5  
YR1 0.1% 200K



TE Part #1-1879444-6  
TE 100W 18R 5% Bracket



TE Part #5053182032  
RNF-100-3/8-9-STK

## Documents

[Datasheets & Catalog Pages](#)

[General purpose DC LVDT](#)

English