



Sensors > Position Sensors > LVDT Sensors > GENERAL PURPOSE LVDT



Linearity Error (Full Range):  $\pm 0.25\%$

Case Material: **Stainless Steel**

Product Shape: **Cylindrical**

Supply Voltage Range: **3 V**

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

[All GENERAL PURPOSE LVDT \(0\)](#)

## 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>](#)

|                              |           |
|------------------------------|-----------|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 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

TE Part # 04560952-000  
MTG BLOCK ASSY SS, HR, XS-D



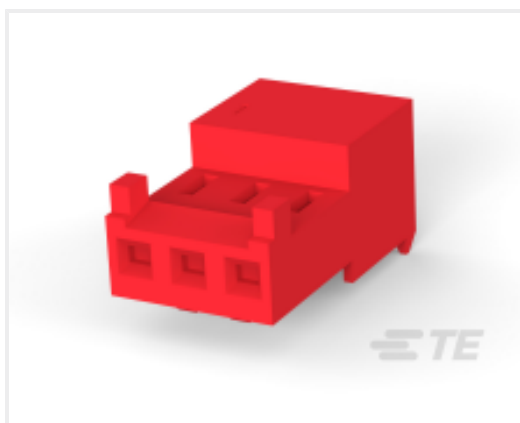
TE Part # CAT-LVDT0020  
GENERAL PURPOSE LVDT

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



LVDT Sensors(34)

### Customers Also Bought



TE Part #CAT-104MTA-NTPMR  
Nylon Tin Plated Receptacle: 2.54 mm,  
with Mating Alignment, MTA 100



TE Part #T2040242201-000  
HE-024-F



TE Part #59803-1  
MAINTENANCE TOOL



TE Part #3-87977-2  
14 MODIV HSG COMP DR .100 POL



TE Part #205838-1  
CPC PLUG ASSEMBLY SIZE 11-8



TE Part #NB14284001  
VERSAFIT-1-0-SP



TE Part #1586515-2  
04P CMNL HDR ASSY PC UL94 LF



TE Part #T1410242000-000  
H24B-AG

### Documents

[Datasheets & Catalog Pages](#)

[General Purpose LVDT](#)

English