



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



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

Case Material: **Stainless Steel**

Product Diameter: **9.52 mm [.375 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 | 2 – 20 kHz |
|----------------------|------------|

Body Features

| | |
|--------------------|-----------------|
| Case Material | Stainless Steel |
| Core Configuration | Separate Core |

Dimensions

| | |
|------------------|------------------|
| Product Diameter | 9.52 mm[.375 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: JUNE 2024 (241) 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 |

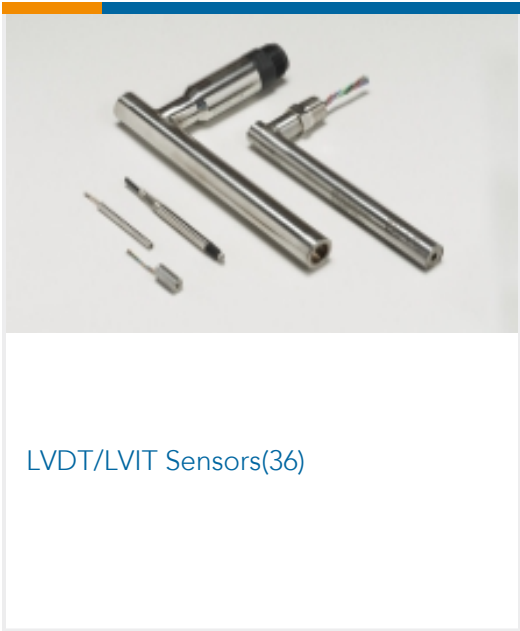
Product Compliance Disclaimer

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



Also in the Series | MEAS MHR



LVDT/LVIT Sensors(36)

Customers Also Bought



TE Part #205206-9
CRIMP SNAP PLUG ASSY,SIZE 2



TE Part #640903-1
PIDG FASTON Receptacle Quick Disconnects



TE Part #440054-2
2.0MM,HDR,2POS,VERTICAL



TE Part #2-881545-2
AMP SHUNT LOW PROFI



TE Part #858857-1
LGH-1/2L FLANGED RECEPT.



TE Part #02560413-000
LVDT HCA 050 ASSY



TE Part #9-2337016-2
COMBO 2,CHARGE INLET ASSY, GENERAL



TE Part #2176478-8
RA73F 2A 6K98 0.1% 1K RL

Documents

Datasheets & Catalog Pages

Miniature General Purpose AC LVDT

English