



Sensors > Position Sensors > LVDT Sensors > 0-5V AND 1-6V LVDT POSITION SENSOR



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

Case Material: **Stainless Steel**

Product Shape: **Cylindrical**

Supply Voltage Range: **8.5 – 28 V**

Operating Temperature Range: **-25 – 85 °C [-13 – 185 °F]**

[All 0-5V AND 1-6V LVDT POSITION SENSOR \(0\)](#)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

| | |
|----------------------|------------|
| Supply Voltage Range | 8.5 – 28 V |
|----------------------|------------|

Body Features

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

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

Dimensions

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

Usage Conditions

| | |
|-----------------------------|------------------------------|
| Operating Temperature Range | -25 – 85 °C [-13 – 185 °F] |
|-----------------------------|------------------------------|

Operation/Application

| | |
|--------------------|------------------|
| Output Signal Type | 0 – 5 V, 1 – 6 V |
|--------------------|------------------|

Industry Standards

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| | |
|--|--|

| | |
|-----------|------|
| 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 | No Restricted Materials Above Threshold |
|---|---|

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>Terphenyl hydrogenated (10% in Component Part)</p> <p>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
|--|--|

| | |
|-----------------|--------------------------------------|
| 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.

Also in the Series | [MEAS DC](#)



LVDT Sensors(12)

Customers Also Bought



TE Part #2430432-2
COMBO 1,CHARGE INLET KIT
120SQMM,W/O LED



TE Part #282834-7
TERMI-BLOK PCB MOUNT, 90 7P.



TE Part #6-1622796-9
YR1 0.1% 162K



TE Part #206247P038
SCT-NO.4-E2-0-STK



TE Part #2-6609104-5
PE0S0DSXA=C1291



TE Part #2-2176404-7
3550 160K 1%



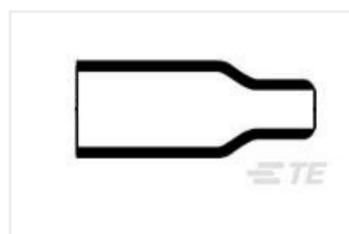
TE Part #9-2176415-1
8W STD M/OX 5% 160K



TE Part #2-1676625-3
HSA25 48R 5%



TE Part #4-1879351-3
RR01 5% 160K AMMO



TE Part #900839-000
202A121-25/86-0

Documents

Datasheets & Catalog Pages

[General purpose DC LVDT](#)

English