

02560405-000 ✓ ACTIVE

MEAS | MEAS MHR

TE Internal #: 02560405-000

TE Internal Description: LVDT MHR 005 ASSY

MINIATURE LIGHTWEIGHT LVDT

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Sensors > Position Sensors > LVDT Sensors > MINIATURE LIGHTWEIGHT LVDT



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

Case Material: **Stainless Steel**

Product Shape: **Cylindrical**

Supply Voltage Range: **3 V**

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

[All MINIATURE LIGHTWEIGHT LVDT \(0\)](#)

## Features

### Dimensions

Product Diameter	9.52 mm [.375 in]
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### Other

Linearity Error (Full Range)	$\pm .25\%$
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EU RoHS Compliance	Compliant
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### Body Features

Case Material	Stainless Steel
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Core Configuration	Separate Core
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### Product Type Features

Product Shape	Cylindrical
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### Electrical Characteristics

Supply Voltage Range	3 V
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### Usage Conditions

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

IP Rating	IP61
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### Signal Characteristics

Excitation Frequency

2 – 20 kHz

### Configuration Features

Electrical Connection

Leads

### 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: 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

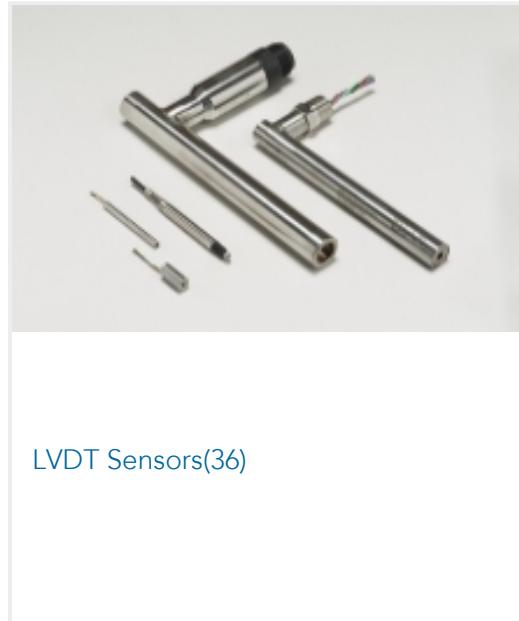
#### Product Compliance Disclaimer

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.

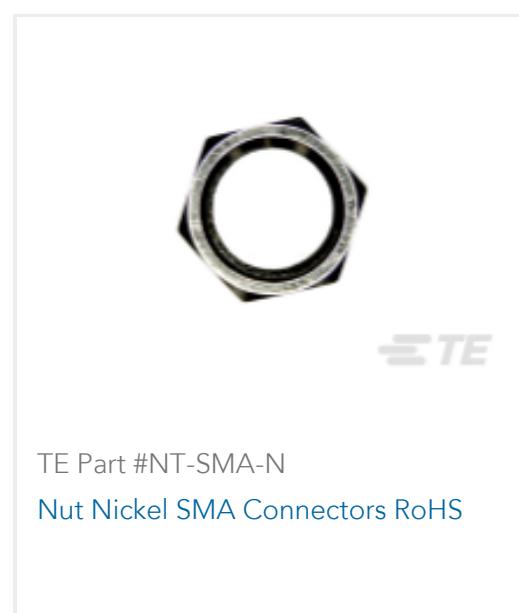
### Compatible Parts



## Also in the Series | MEAS MHR



## Customers Also Bought



## Documents

### Datasheets & Catalog Pages

[Miniature General Purpose AC LVDT](#)

English