



Sensors > Position Sensors > LVDT Sensors > ULTRA-PRECISION GAGE HEADS



Linearity Error (Full Range):  $\pm 2\%$   
Case Material: **High Carbon Steel**  
Product Shape: **Cylindrical**  
Supply Voltage Range: **3 V**  
Operating Temperature Range: **5 – 60 °C [ 41 – 140 °F ]**

[All ULTRA-PRECISION GAGE HEADS \(0\)](#)

Features

Product Type Features

Product Shape	Cylindrical
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Configuration Features

Electrical Connection	Shielded Cable
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Electrical Characteristics

Supply Voltage Range	3 V
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Signal Characteristics

Excitation Frequency	2.5 – 10 kHz
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Body Features

Case Material	High Carbon Steel
Core Configuration	Spring Loaded Core

Dimensions

Product Diameter	9.5 mm[.374 in]
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Usage Conditions

Operating Temperature Range	5 – 60 °C[41 – 140 °F]
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Industry Standards

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IP Rating	IP60
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Other

Linearity Error (Full Range)	±.2 %
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (2.5% in Component Part) Terphenyl hydrogenated (10% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. 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

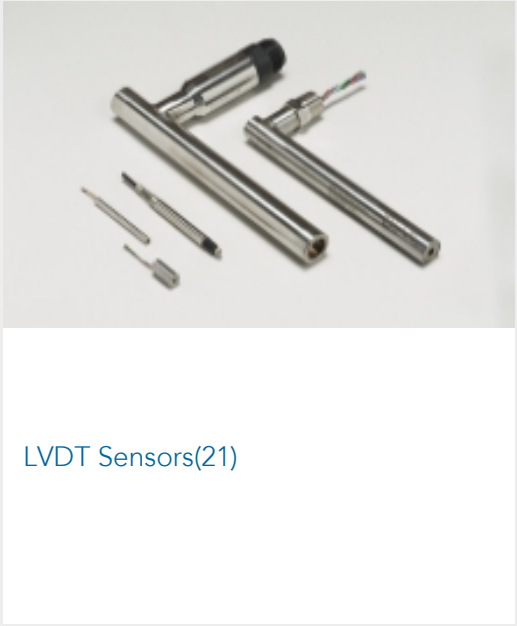
Product Compliance Disclaimer

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.

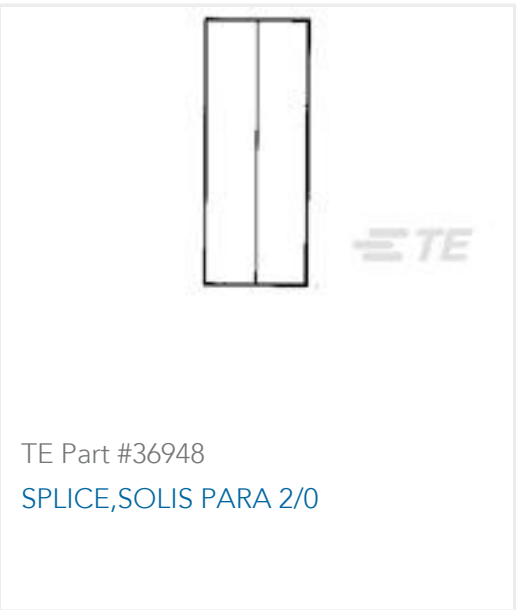
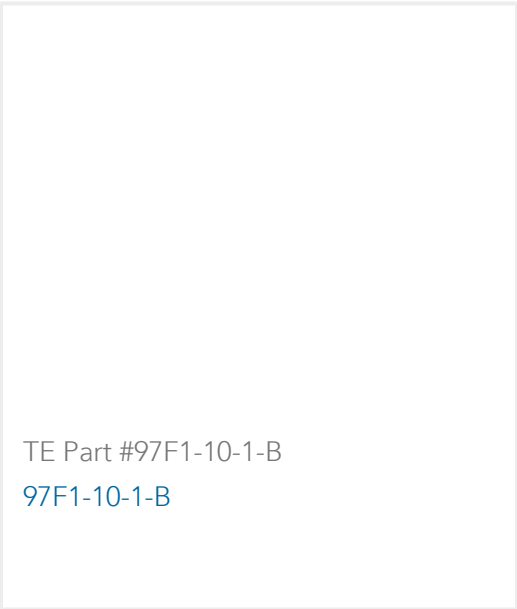
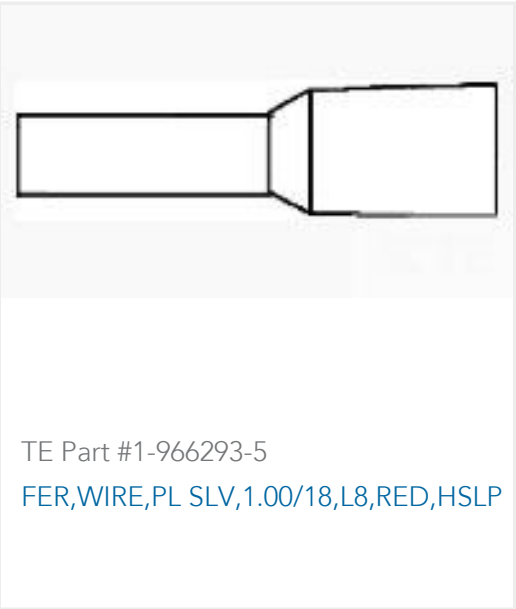
Compatible Parts



Also in the Series | MEAS LBB



Customers Also Bought





Documents

Datasheets & Catalog Pages

Ultra-Precision Gage Heads

English