



Sensors > Position Sensors > LVDT/LVIT Sensors > GAGE HEAD WITH NYLON BEARING



Housing Diameter: 19.05 mm [ .75 in ]

Full Stroke Ranges:  $\pm 2.54$  mm [  $\pm 0.1$  in ]

Linearity:  $\pm 0.5$  % of Span

Linear Position Sensor - LVDT/LVIT Housing Material: **Stainless Steel**

Linear Position Sensor - LVDT/LVIT Form Factor: **Cylindrical**

### All GAGE HEAD WITH NYLON BEARING (3)

## Features

### Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	3 V
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Electrical Connections	Leads
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### Signal Characteristics

Excitation Frequency	1 – 10 kHz
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### Body Features

Linear Position Sensor - LVDT/LVIT Form Factor	Cylindrical
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Spring Loaded	Spring Loaded
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### Housing Features

Housing Diameter	19.05 mm [.75 in]
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Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel
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### Usage Conditions

Operating Temperature Range	-55 – 95 °C [-67 – 203 °F]
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### Industry Standards

IP Rating	IP61
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Industry Standards	RoHS
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### Other

Full Stroke Ranges	±2.54 mm[±.1 in]
Linearity	±.5 % of Span

## 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 2023 (235) Candidate List Declared Against: JAN 2021 (211) 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



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



LVDT/LVIT Sensors(6)

## Customers Also Bought



TE Part #86-100A-C  
100 PSIA CABLE CONN MV  
PRESSURE SENSOR



TE Part #1-1703841-1  
2POS,TAB 2.8X0.8,TAB HSG,ASSY,



TE Part #6609028-5  
3VK1=F7135 S0



TE Part #DP86-300D  
300 PSID MV DIFFERENTIAL  
PRESSURE SENSOR



TE Part #GA10K3A11B  
DISCRETE 10K OHMS,+/-0.2C FROM  
0C TO 70C



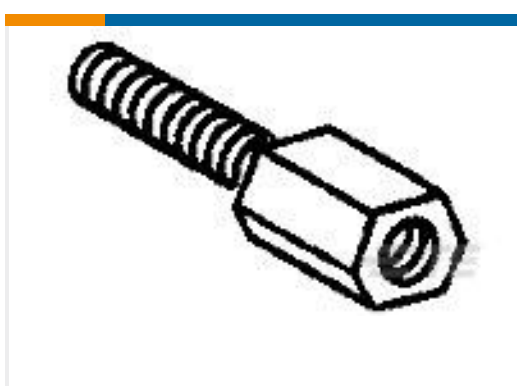
TE Part #4-1393483-7  
V42254A1115C209=SUB D STIFTLI



TE Part #5-747909-2  
15 Rept Solder Cup, Gold Flash



TE Part #5-2176364-0  
RQ 0402 15K 0.1% 10PPM 5K RL



TE Part #5205818-2  
FEMALE SCREWLOCK,PLTD



TE Part #10213124-00  
PRESS XDCR M5256-000002-100BG

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_02350531-000\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_02350531-000\\_E.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_02350531-000\\_E.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**AC Operated Gage Heads**

English