

#### MEAS | HR

TE Internal #: 02560391-000

TE Internal Description: LVDT HR 200 ASSY

GENERAL PURPOSE LVDT

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Housing Diameter: 20.6 mm [.812 in]
Full Stroke Ranges: ±5.08 mm [±.2 in]

Linearity: ±.25 % of Span

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

Linear Position Sensor - LVDT/LVIT Form Factor: Cylindrical

### All GENERAL PURPOSE LVDT (11)

#### **Features**

## **Electrical Characteristics**

Linear Position Sensor - LVDT/LVIT Supply Voltage	3 V
Excitation Frequency	400 – 5000 Hz
Electrical Connections	Leads

# Signal Characteristics

Excitation Frequency	.4 – 5 kHz	
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## **Body Features**

Linear Position Sensor - LVDT/LVIT Form Factor	Cylindrical
Spring Loaded	Separate Core

# **Housing Features**

Housing Diameter	20.6 mm[.812 in]
Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel

#### **Usage Conditions**

	FF 4F0 00F (7 200 0F)
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

# **Industry Standards**

IP Rating	IP61
Industry Standards	RoHS



#### Other

Full Stroke Ranges	±5.08 mm[±.2 in]
Linearity	±.25 % 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	Not Yet Reviewed
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: JUN 2020 (209) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

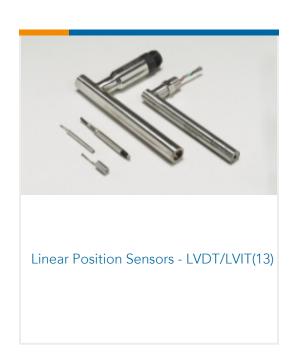
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 | HR





# Customers Also Bought

















# **Documents**

Datasheets & Catalog Pages
General Purpose LVDT

English