

MEAS | MEAS R30

TE Internal #: 02560231-000

TE Internal Description: RVDT R30A ASSY

AC LIGHT WEIGHT RVDT

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Sensors > Position Sensors > RVDT/RVIT Sensors > AC LIGHT WEIGHT RVDT



Position Sensor Product Type: Rotary Variable Differential Transformer (RVDT)

Angular Range: -30 - 30 °

Non-Linearity ±: .25 %

Output Signal Type: AC Voltage

Operating Temperature Range: -55 - 150 °C [-67 - 300 °F]

Features

Product Type Features

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Position Sensor Product Type	Rotary Variable Differential Transformer (RVDT)
Configuration Features	
Electrical Connection	Lead Wires
Electrical Characteristics	
Supply Voltage	3 Vrms
Signal Characteristics	
Excitation Frequency	2.5 – 10 kHz
Body Features	
Product Weight	36 g
Case Material	Anodized Aluminum
Mechanical Attachment	
Sensor Mount Type	Size 11 Servo Mount
Dimensions	

4.76 mm[.188 in]

25.4 mm[1 in]

Shaft Diameter

Usage Conditions

Product Diameter



Operating Temperature Range	-55 – 150 °C[-67 – 300 °F]
Operation/Application	
Output Signal Type	AC Voltage
Other	
Angular Range	-30 – 30 °
Non-Linearity ±	.25 %
Bearing Type	ABEC 3 Precision Ball Bearing

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: JUNE 2024 (241) Candidate List Declared Against: JAN 2022 (223) 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

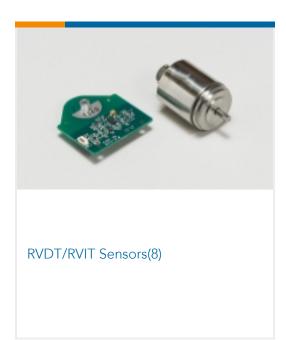
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 R30



Customers Also Bought





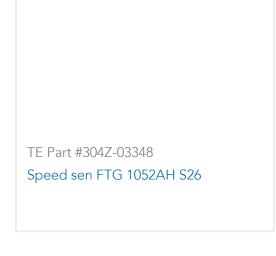






AMP MCP 1.5K, CONTACT, SWS





TE Part #372Z-05669 portable HM 100 Contact Hand Tachomete

TE Part #3742606745 Speed sen DSY 1205.11 AHD



Documents

Datasheets & Catalog Pages
AC Operated, Light Weight RVDT

English