

MEAS | MEAS R36AS

TE Internal #: 02560927-000

TE Internal Description: R36AS 2.5KHZ +/- 30 DEG

AC RVDT FOR HARSH ENVIRONMENTS

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Sensors > Position Sensors > RVDT/RVIT Sensors > AC RVDT FOR HARSH ENVIRONMENTS



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

Angular Range: -30 - 30 °

Non-Linearity ±: .5 %

Output Signal Type: AC Voltage

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

All AC RVDT FOR HARSH ENVIRONMENTS (0)

Features

Product Type Features	
Position Sensor Product Type	Rotary Variable Differential Transformer (RVDT)
Configuration Features	
Electrical Connection	6-Pin Connector
Electrical Characteristics	
Supply Voltage	3 Vrms
Signal Characteristics	
Excitation Frequency	2.5 – 10 kHz
Body Features	
Product Weight	255 g
Case Material	Stainless Steel
Mechanical Attachment	
Sensor Mount Type	Size 15 Servo Mount
Dimensions	
Shaft Diameter	4.75 mm[.187 in]

38.1 mm[1.5 in]

Product Diameter



Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Operation/Application	
Output Signal Type	AC Voltage
Other	
Angular Range	-30 – 30 °
Non-Linearity ±	.5 %
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (10% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.12% in Component Part) Decamethylcyclopentasiloxane (D5) (.12% in Component Part) Article Safe Usage Statements: 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 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



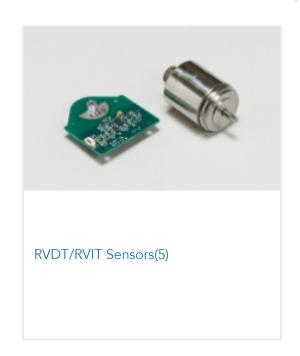








Also in the Series | MEAS R36AS



Customers Also Bought























Documents

Datasheets & Catalog Pages

AC Operated RVDT for Harsh Environments

English