

MEAS | MEAS R30

TE Internal #: 02560231-000

TE Internal Description: RVDT R30A ASSY

AC LIGHT WEIGHT RVDT

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Angular Position Sensor - RVDT/RVIT Type: RVDT

Angular Sensing Range: ±30°

Angular Position Sensor - RVDT/RVIT Supply Voltage: 3 Vrms

Non-Linearity: ± .25 %

Angular Position Sensor - RVDT/RVIT Output Type: AC Voltage

All AC LIGHT WEIGHT RVDT (6)

Features

Product Type Features	
Angular Position Sensor - RVDT/RVIT Type	RVDT
Configuration Features	
Electrical Connection	Lead Wires
Electrical Characteristics	
Angular Position Sensor - RVDT/RVIT Supply Voltage	3 Vrms
Angular Position Sensor - RVDT/RVIT Output Type	AC Voltage
Signal Characteristics	
Excitation Frequency	2.5 – 10 kHz
Body Features	
Angular Sensing Range	±30 °
Angular Position Sensor - RVDT/RVIT Weight	36 g
Case Material	Anodized Aluminum
Mechanical Attachment	
Angular Position Sensor - RVDT/RVIT Mounting	Size 11 Servo Mount

4.76 mm[.188 in]

Dimensions

Shaft Diameter



Case Diameter	25.4 mm[1 in]
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Usage Conditions

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

Other

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 2023 (235) 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





TE Part # 02560231-240 R30A 2.5KHZ +/-40 DEGREE



Also in the Series | MEAS R30



Customers Also Bought



TE Part #02291333-000 LDM-1000 LVDT CONDITIONER DIN



TE Part #MS580301BA01-00 MS5803-01BA01 PRESSURE SENSOR TUBE



TE Part #3-794618-8

08P MICRO MNL ASSY R/A HDR LF



TE Part #04171776-000 LVM-110 AMP/DEMOD BD ASSY

TE Part #4525-TP3A150GSF PRESS,XDCR,4525-TP3A150GSF TE Part #M3431-000006-01KPG PRESS XDCR M3431-000006-01KPG TE Part #10205351-00 NTC TEMPERATURE SENSOR TE Part #20010725-08
PRESS XDCR U535D-01001B-150PG

TE Part #383Z-05307 integrate Starndard T401

TE Part #383Z-05318 integrate Starndard T411



Documents

Datasheets & Catalog Pages
AC Operated, Light Weight RVDT

English