



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



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
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Configuration Features

Electrical Connection	Lead Wires
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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
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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
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Dimensions

Shaft Diameter	4.76 mm[.188 in]
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Case Diameter25.4 mm[1 in]

Usage Conditions

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



TE Part # 66530072-000
R-FLEX CPLG ADP RVIT/RVDT/RSYN

Also in the Series | MEAS R30



RVDT/RVIT Sensors(9)

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/DEMODO 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