02560231-000 ✔ ACTIVE

MEAS | MEAS R30

TE Internal #: 02560231-000

TE Internal Description: RVDT R30A ASSY AC LIGHT WEIGHT RVDT

View on TE.com >

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 – 302 °F]**

All AC LIGHT WEIGHT RVDT (0)

Features

Product Type Features

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[1.26 oz]
Case Material	Anodized Aluminum

Mechanical Attachment

Sensor Mount Type	Size 11 Servo Mount

Dimensions

Shaft Diameter	4.76 mm[.188 in]
Product Diameter	25.4 mm[1 in]

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 ±	.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 2025 (250) 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

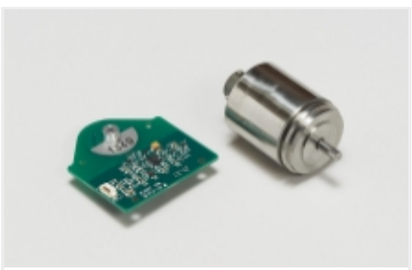
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 66530072-000
R-FLEX CPLG ADP RVIT/RVDT/RSYN

Also in the Series | MEAS R30



RVDT/RVIT Sensors(8)

Customers Also Bought



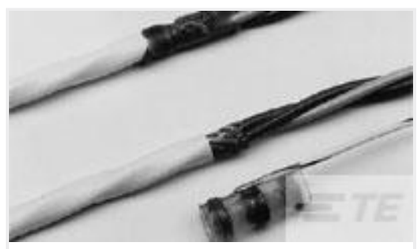
TE Part #4568604002
DR-25-TW-1/4-0-SP



TE Part #F82125-000
CM-SCE-TP-1/4-4H-4



TE Part #4407170001
TMS-SCE-3/32-2.0-4



TE Part #201595-000
SO96-2-00



TE Part #806702-000
222A142-25-0



TE Part #5053294053
RNF-100-1-0-SP



TE Part #5053394020
RNF-100-2-0-SP



TE Part #4426614007
RAYRIM-NR9-0-SP



TE Part #814316-000
202A121-3-0



TE Part #3-1617039-1
HMS1201S111P = M39016/44-035P

Documents

Datasheets & Catalog Pages

AC Operated, Light Weight RVDT

English