



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



Angular Position Sensor - RVDT/RVIT Type: **RVDT**

Angular Sensing Range: **±30°**

Angular Position Sensor - RVDT/RVIT Supply Voltage: **13.5 – 16.5 VDC**

Input Current (Max): **25 mA**

Non-Linearity: **±.25 %**

[All DC LIGHT WEIGHT RVDT \(3\)](#)

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	13.5 – 16.5 VDC
Input Current (Max)	25 mA
Angular Position Sensor - RVDT/RVIT Output Type	±3.75 – ±7.5 VDC

Body Features

Angular Sensing Range	±30°
Angular Position Sensor - RVDT/RVIT Weight	54 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]
Case Diameter	26.92 mm[1.06 in]

Usage Conditions

Operating Temperature Range	-18 – 70 °C[0 – 158 °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	Out of Scope
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

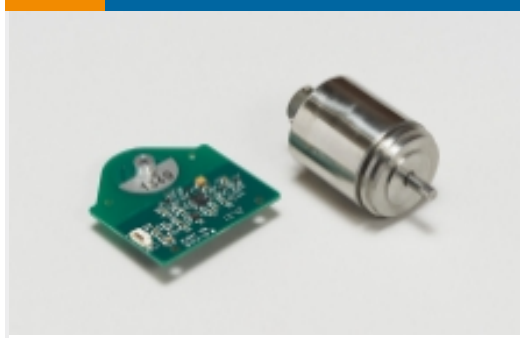
Product Compliance Disclaimer

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

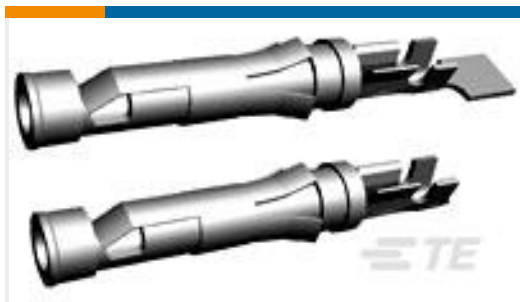


Also in the Series | MEAS R30



RVDT/RVIT Sensors(9)

Customers Also Bought



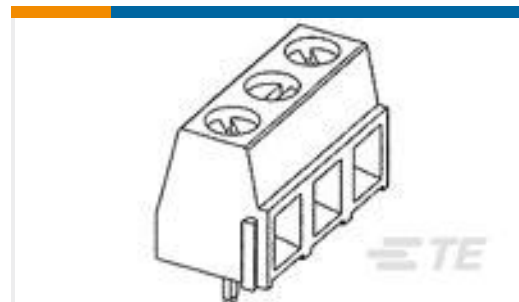
TE Part #66109-3
III+ SKT,26-24,15AU/FL,LP



TE Part #T4071017031-001
M8.FMLE.PNLREAR.3POS.STR WIRE



TE Part #8-1393117-0
KUP-14A15-240=KU



TE Part #3-282837-3
TERMI-BLOK,PCB,9P,INKSTAMP



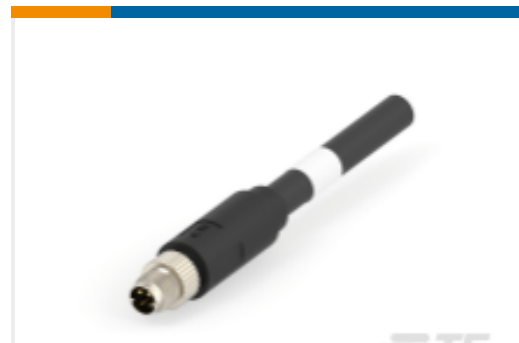
TE Part #8-1676123-7
1/2W SM M/OX 5% 3K3



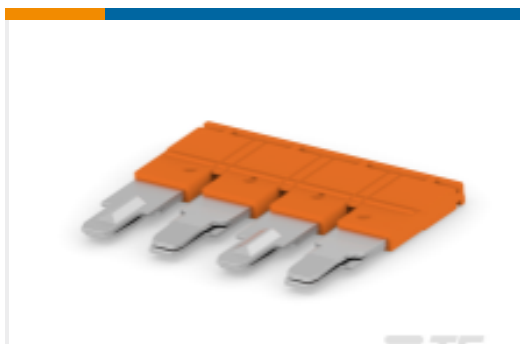
TE Part #3-2176415-8
8W STD M/OX 5% 1K0



TE Part #T4161220008-004
RPC-M12-MR-8CON-PUR-3.0SH



TE Part #TB1141D4722-007
RPC-M8-MS-4CON-P-10SH



TE Part #1SNK910304R0000
JB10-4



TE Part #73560016-000
JL R30D-3993

Documents

[Datasheets & Catalog Pages](#)

[DC Operated, Light Weight RVDT](#)

English