



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 Diameter 25.4 mm[1 in]

### 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

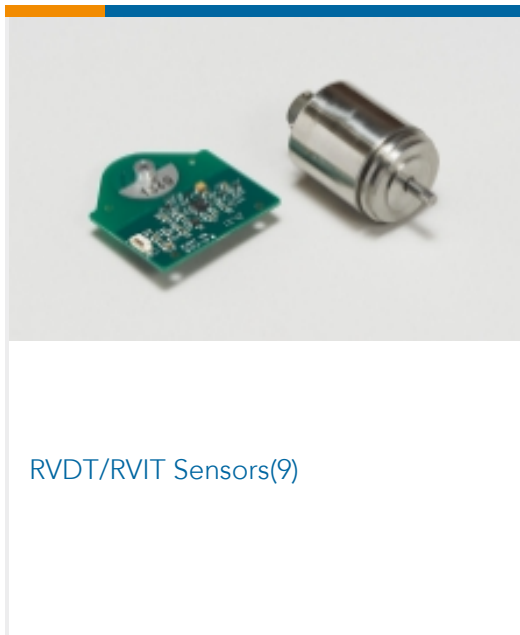
#### Product Compliance Disclaimer

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>

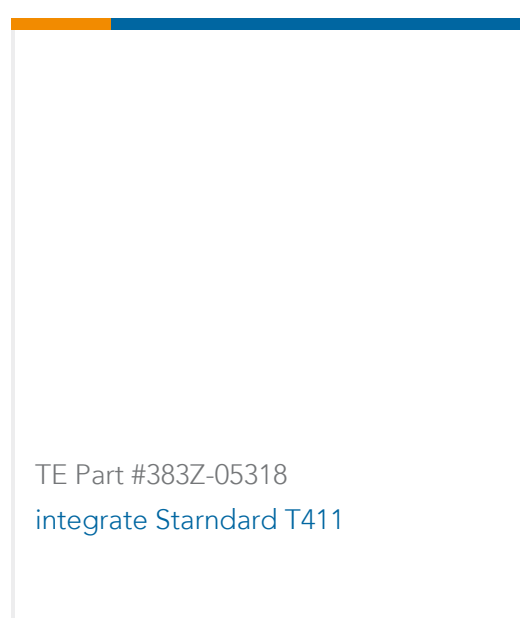
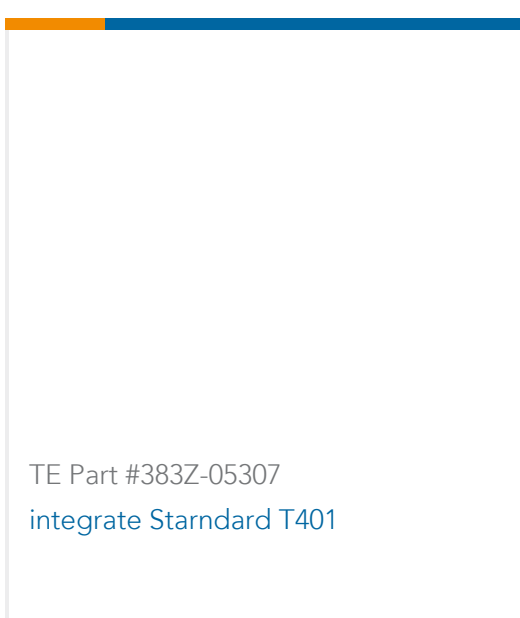
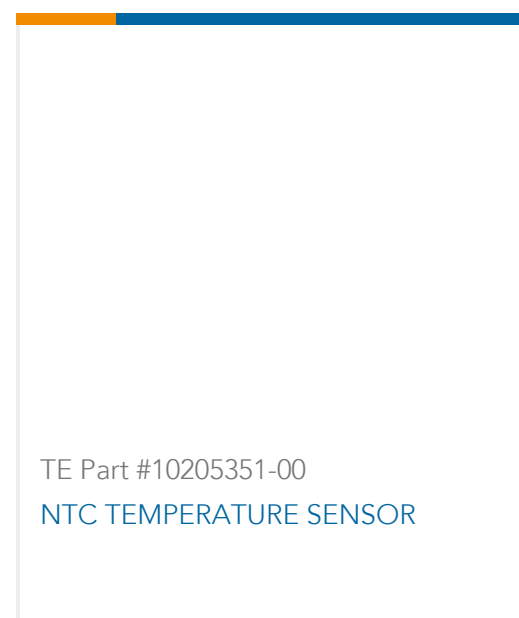
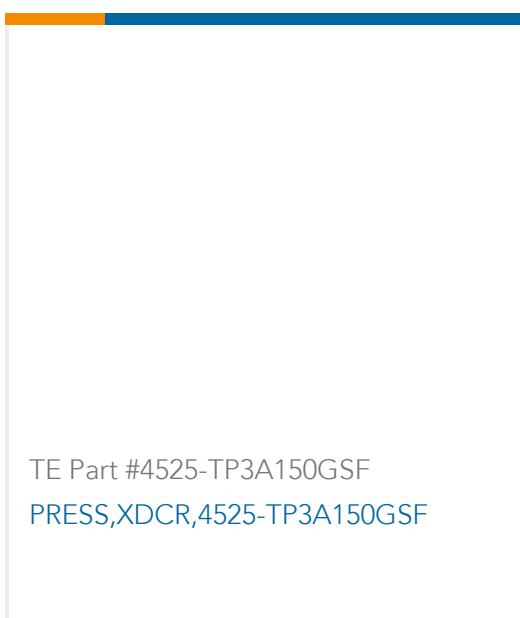
### Compatible Parts



### Also in the Series | MEAS R30



### Customers Also Bought





## Documents

[Datasheets & Catalog Pages](#)

[AC Operated, Light Weight RVDT](#)

English