

02192500-060 ✓ ACTIVE

MEAS | MEAS R60D

TE Internal #: 02192500-060

TE Internal Description: R60D

Rotary Position Sensor RVIT, DC

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Sensors > Position Sensors > RVDT/RVIT Sensors > Rotary Position Sensor RVIT, DC



Position Sensor Product Type: **Rotary Variable Inductive Transducer (RVIT)**

Angular Range: **-60 - 60 °**

Supply Voltage Range: **13.5 - 16.5 VDC**

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

Non-Linearity \pm : **.5 %**

Features

Product Type Features

Position Sensor Product Type	Rotary Variable Inductive Transducer (RVIT)
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Configuration Features

Electrical Connection	Lead Wires
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Electrical Characteristics

Supply Voltage Range	13.5 - 16.5 VDC
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Input Current (Max)	25 mA
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Body Features

Product Weight	34 g
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Case Material	Anodized Aluminum
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Mechanical Attachment

Sensor Mount Type	Size 11 Servo Mount
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Dimensions

Shaft Diameter	4.76 mm[.187 in]
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Product Diameter	26.98 mm[1.062 in]
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Usage Conditions

Operating Temperature Range	-25 - 85 °C[-13 - 185 °F]
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Operation/Application

Output Signal Type	±7.5 VDC
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Other

Angular Range	-60 - 60 °
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Non-Linearity ±	.5 %
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Bearing Type	ABEC 3 Precision Ball Bearing
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Not Yet Reviewed
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

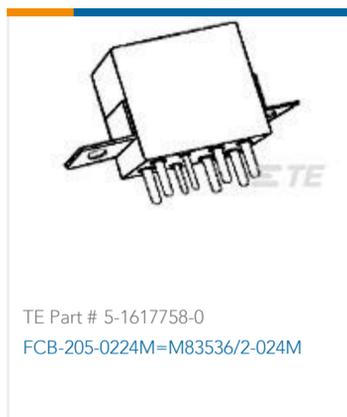
Compatible Parts



Also in the Series | MEAS R60D



Customers Also Bought





Documents

[Datasheets & Catalog Pages](#)

[DC Operated Rotary Variable Inductance Transducer](#)

English