

16 BIT RS232 STRING POT TRANSDUCER

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Position Sensor Product Type: PT9232 - IP68

Full Stroke Range: 6350 mm [250 in]

Output Signal Type: RS232

Accuracy: $\pm 1\%$ of FS

Repeatability: $.02\%$ of FS

[All 16 BIT RS232 STRING POT TRANSDUCER \(1\)](#)

Features

Product Type Features

Position Sensor Product Type	PT9232 - IP68
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Body Features

Case Material	Aluminum, Stainless Steel
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Dimensions

Full Stroke Range	6350 mm[250 in]
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Usage Conditions

Accuracy	$\pm 1\%$ of FS
Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]

Operation/Application

Digital Resolution	16 bit
Output Signal Type	RS232

Industry Standards

IP Rating	IP67, IP68
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Other

Repeatability	$.02\%$ of FS
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Encoder Drive	No
Measuring Cable	.034 Inch Dia Nylon-Coated Stainless Steel

Product Compliance

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 2024 (241) Not Yet Reviewed
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>

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