

MEAS | MEAS GO TE Internal #: SB0873 TE Internal Description: GO3045 1Pt100 W0.3 L30/D4.5mm View on TE.com >



Sensors > Temperature Sensors > RTD Sensors > RTD Sensor Elements



RTD Element Type: Platinum Glass Wire Wound Element

Tolerance Class: Class B / W0.3

Element Type: Glass

Element Material: Platinum

Lead Wire Style: Ni/Pt

### Features

### **Product Type Features**

Wire/Cladding Type	Ni/Pt
RTD Element Type	Platinum Glass Wire Wound Element
Element Type	Glass
Element Material	Platinum

Lead Wire Style	Ni/Pt
Configuration Features	
Electrical Connection	Open Ends
Mechanical Attachment	
Wire Length	15 mm
Dimensions	
Wire Diameter	.25 mm[.009 in]
Body Diameter	4.5 mm[.177 in]
Body Length	30 mm[1.18 in]
Usage Conditions	
T1 and T2 for TCR	0 and +100 °C
TCR at (T1 and T2)	3850 ppm/°C
Accuracy (at T_ref)	± .3 °C
Operating Temperature Range	-196 – 400 °C[-320.8 – 752 °F]

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Operating Temperature (Max)	400 °C[752 °F]
Other	
Wire Count	2
Tolerance Class	Class B / W0.3
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

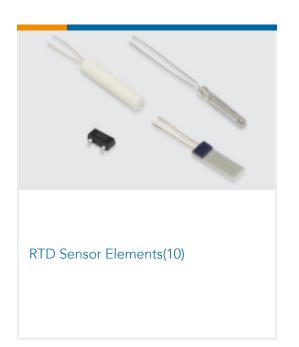
Product Compliance Disclaimer

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

# Also in the Series | MEAS GO

GO3045 1Pt100 W0.3 L30/D4.5mm





# **Customers Also Bought**





## Documents

**CAD** Files

# 3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_SB0873\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_SB0873\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_SB0873\_1.3d\_stp.zip

English

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### Datasheets & Catalog Pages

GWW Type GO

English

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