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RTD Element Type: **Platinum Glass Wire Wound Element**

Tolerance Class: **Class B / W0.3**

Element Package: **Glass**

Element Material: **Platinum**

Lead Wire Style: **Ni/Pt**

Features

Product Type Features

Wire/Cladding Type	Ni/Pt
Model Number	GO 1020
RTD Element Type	Platinum Glass Wire Wound Element
Element Material	Platinum
Lead Wire Style	Ni/Pt

Configuration Features

Connector Type	Open Ends
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Dimensions

Wire Length	15 mm
Diameter (Body)	2 mm[.078 in]
Wire Diameter	.25 mm[.009 in]
Length (Body)	10 mm[.39 in]

Usage Conditions

Resistance (at T_ref)	100 (0 °C) Ω
T_ref for Accuracy	0 °C
Ambient Temperature Range	-196 – 400 °C[-320.8 – 752 °F]
T1 and T2 for TCR	0 and +100 °C
TCR at (T1 and T2)	3850 ppm/°C

Accuracy (at T _{ref})	± .3 °C
T _{ref} for Resistance	0 °C
Maximum Temperature	400 °C[752 °F]

Packaging Features

Element Package	Glass
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Other

Tolerance Class	Class B / W0.3
Wire Count	2

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

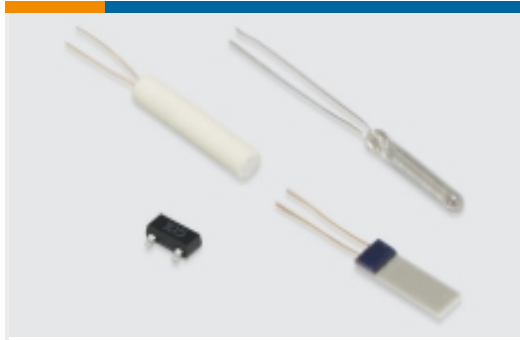


TE Part # SB0794
GO1020 1Pt100 W0.15 L10/D2.0mm



TE Part # SB0795
GO1020 1Pt100 W0.1 L10/D2.0mm

Also in the Series | MEAS GO



RTD Sensor Elements(10)

Customers Also Bought



TE Part #T4171310005-001
M12 Panel Mount Wire



TE Part #34080
PIDG SPD 22-16 COMM 22-18MIL 6



TE Part #1658621-3
16 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #1623131-1
CRG0805 1% 1K0



TE Part #770672-1
UMNL PIN 30-26 PTPBR L/P



TE Part #T4011019041-000
M8,SCREW, MALE,S,SHIELD,4P,GOLD



TE Part #32205074
GX518 1Pt100 W0.15 L5/D1.8mm



TE Part #787004-3
.8MM SCREWLOCK BRDMT,BULK



TE Part #ZPF00000000109770
DBA 30H 08-03 PN-K-A1430



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_SB0789_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SB0789_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SB0789_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

GWW Type GO

English