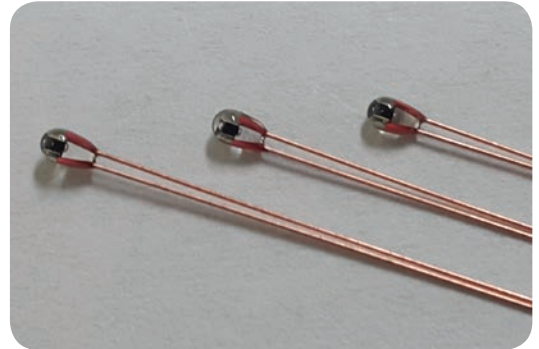


T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

TG Series NTC Thermistors

Glass-Sealed Radial Type Thermistors



Another innovative solution from Amphenol Advanced Sensors - The TG Series of Glass-Sealed NTC Type Thermistors featuring high resistance and accuracy.

Features

- High temperature resistance up to +300°C (572°F)
- Chip type element
- Fast response time
- Water and oilproof design
- Tin and Nickel-Plated options available

Applications

- Automotive
(Water, Oil and Air Temperature Sensing)
- Heating / Cooling Devices
- Boiler Systems
- Appliances

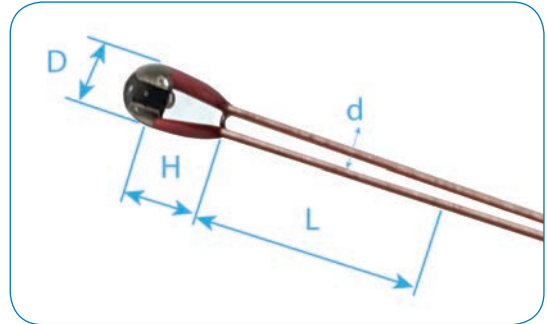
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Type TG Series Specifications

Dimensions

(unit: mm)

D	H	d (dumet)	L
Φ 1.3	2.2	Φ 0.2	65



Standard Specifications

- Thermal time constant : 5 Sec. approx. (in still air)
- Dissipation constant : 0.75 mW/C approx. (in still air)
- Operating temperature : -40°C +300°C

Part No.	R25 Ω	B (25/50)	Operating Temp. (Max)
TG250*34*B*	5k	3434 K	+300°C (+572°F)
TG310*34*B*	10k	3434 K	+300°C (+572°F)

Part No. ⁽¹⁾

TG	310	*	34	*	B	*	
							Wire : NR (dumet)
							Center temperature : B (25°C)
							Tolerance of B constant : G (±2%)
							B constant : 34 (3400K ~ 3499K)
							Tolerance of resistance : J (±5%)
							Resistance at 25°C : 310 = 10 x 10 ³ = 10kΩ, 250 = 50 x 10 ² = 5kΩ
							Glass-sealed radial type thermistor

1. Other values are available upon request.

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AAS-920-669B - 09/2017