

NTC thermistor

Glass sealed radial type thermistor

Amphenol offers an innovative solution, i.e. glass sealed NTC thermistor series features high temperature resistance and accuracy



Features

- Glass-sealed bead type
- High temperature resistance up to +300°C
- Chip type element is used
- Short response time
- Water & Oil proof design

Applications

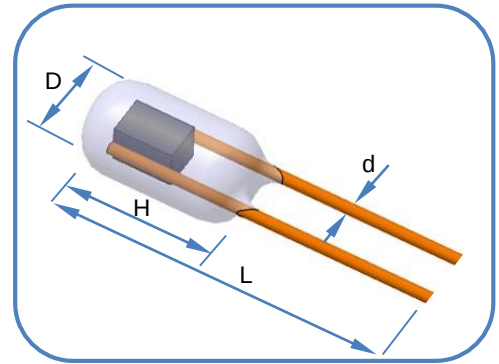
- Automotive (water, oil & air temperature sensing)
- Heating / Cooling device
- Boiler system
- Appliance

Type TG 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.)
TG250J34GBNR	5K ± 5%	3434K ± 2%	+300 °C
TG310J34GBNR	10K ± 5%	3434K ± 2%	+300 °C

Part No.

TG 250 J 34 G B NR

NR	Wire : NR (dumet)
B	Center temperature : B (25 °C)
G	Tolerance of B constant : G(±2%)
34	B constant : 3434K
J	Tolerance of resistance: J(±5%)
250	Resistance at 25 °C : 250 = 50 x 10 ² = 5kΩ, 310 = 10x10 ³ = 10kΩ
TG	Glass sealed radial type thermistor