



Unit:mm

FEATURES:

- Appropriate to use in hard weather
- Compact stainless steel case
- High utility products
- Reasonable price

The TR series, the highly reliable thermistors, are characterized by their stability. They have wide usage in household appliances, such as washing machines, dish washers, tumble-dryers, water boilers, and so on.

SPECIFICATIONS

Temperature ranges -40°C to 125°C

R₂₅ :

Rated Zero-power resistance value at 25 °C

10,000 ohms
11,982 ohms
48,150 ohms
100,000 ohms

Tolerances ± 1%, ± 3%, ± 5%

B_{25/85} value

10,000 ohms-----3435K
48,150 ohms-----3977K
100,000 ohms-----4150K

B_{25/100} value 11,982 ohms-----3760K

Tolerances ± 1%

Dissipation constant 215 mW/ °C in water

Thermal time constant 18 seconds in water

Maximum power rating 250~500 mW (at 25 °C)

Ordering Map

1 0 3

①

TR

②

— — —

③

④

⑤

Resistance value at 25°C
10 x 10³ Ω

Type
Transducer Type thermistor

B value
25°C/85°C

Resistance tolerance
1P: ±1%
3P: ±3%
5P: ±5%

Special Spec
Controlling NO.