

Model MC-WZP/WZPK Assembly / Armor / Explosion-proof Thermal Resistor



As a temperature sensor, thermal resistor is used to measure the temperature of liquid, steam, gas and the solid surface ranging -200°C to 500°C. It is noted for their flexibility, wear resistance, vibration resistance and high temperature resistance. The outer protective tube of the armored thermo element is made of stainless steel and in which high density oxide is used as the insulating layer, it is pollution resistance and enough mechanical strength, in order to meet the adverse circumstances.

FEATURES

Flexibility

Wear Resistance

Vibration Resistance

High Temperature Resistance

Compact type

| Variety | Graduation | Diameter | Max Length | Thermal response time | Output wires |
|-----------------------------|------------|----------|------------|-----------------------|--|
| Pt. element single and dual | Pt100 | Φ8 Φ6 | 20m | ≤30s | Three wires of single Six wires of dual |
| | | Φ5 Φ4 Φ3 | | ≤15s | |

Thermal response time

| Sheath Diameter | Thermal response time |
|-----------------|-----------------------|
| Φ3 | ≤3s |
| Φ4 | ≤5s |
| Φ5 | ≤8s |
| Φ6 | ≤12s |
| Φ8 | ≤15s |