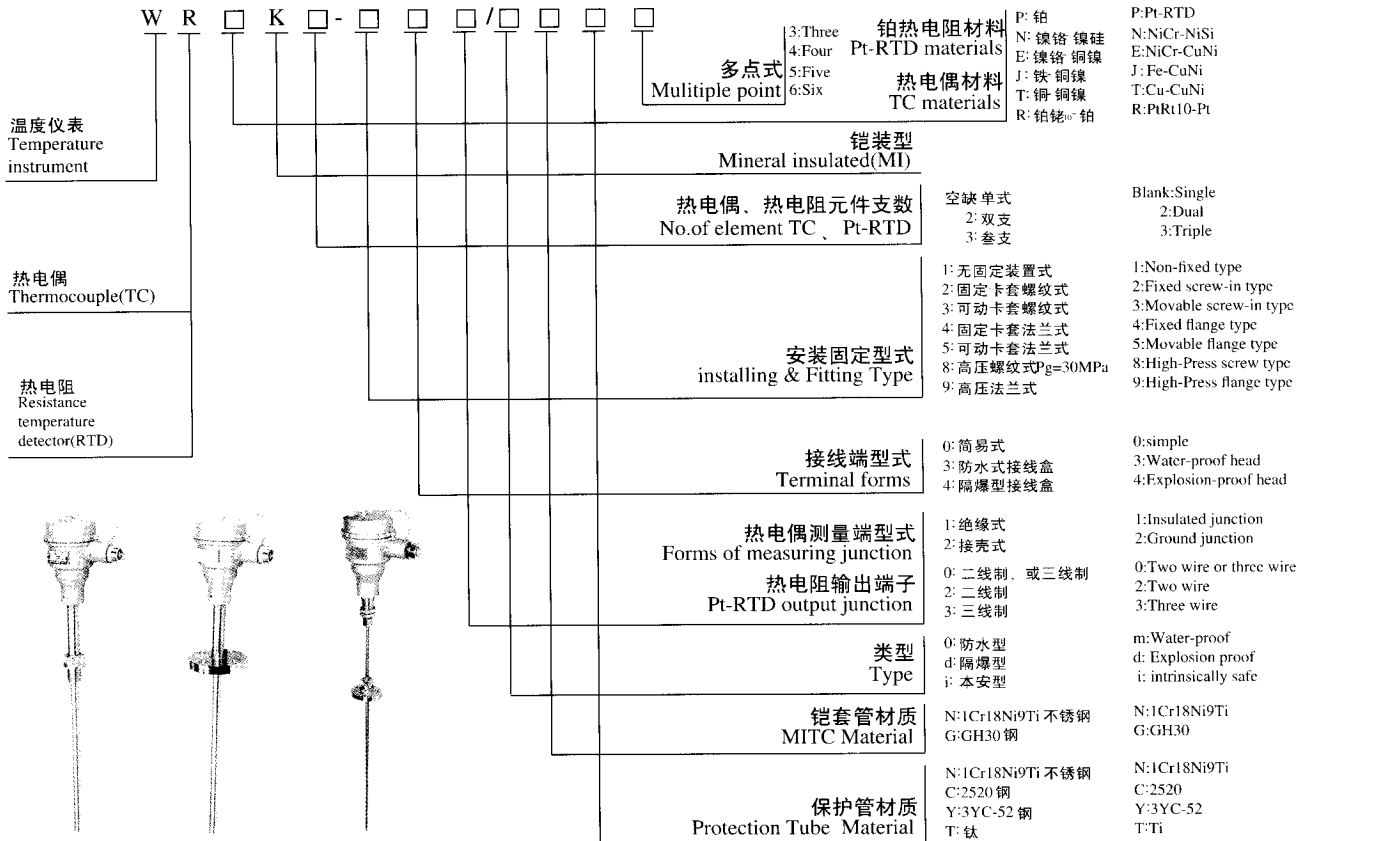




型号命名 MODEL TERMINOLOGY



常温绝缘电阻

绝缘型铠装热电偶在环境温度为20±15℃，相对湿度不大于80%时，热电极与外套管之间的绝缘电阻应符合下表的规定：

Insulation Resistance at Ambient Temperature

Insulation resistance for MITC of the insulated junction type between each wire and sheath should accord with values as given in the following table. When temperature is 20±15℃ and relative humidity is < 80%

| 铠装热电偶直径 d(mm) Diameter of MITC d(mm) | 试验电压 (V.DC) Test Voltage DC | 绝缘电阻(MΩ.m) Insulation Resistance (MΩ.m) |
|---|--------------------------------|--|
| 0.5 ~ 1.5 | 50 ± 5 | ≥ 1000 |
| > 1.5 | 500 ± 50 | ≥ 1000 |

注：绝缘电阻用MΩ.m表示。即1m长的试样的绝缘电阻为1000MΩ；10m长的试样的绝缘电阻为100MΩ。
Note: Insulation resistance (IR)=MΩ.m
When L=1m. IR=1000 MΩ
When L=10m. IR=100MΩ

铠装热电偶可绕半径

铠装热电偶的可绕半径不应小于其直径的5倍，并没有明显的损伤。

Bending Radius of MITC

The bending radius d(r>5D) of MITC should be no less than five times of its outside diameter without visible damage.

高温绝缘电阻

绝缘型铠装热电偶高温绝缘电阻应符合下表的规定：

Insulation Resistance at Hight Temperature

Insulation resistance for MITC of insulation resistance as given in the following table.

| 分度号 Grad. Symb. | 试验温场 (mm) Test Temperature Place(mm) | 试验温度(℃) Test Temperature (℃) | 绝缘电阻(MΩ.m) Insulation Resistance (MΩ.m) |
|-----------------------|---|---------------------------------|--|
| K、N、E、J | L=300 | 500 ± 15 | ≥ 5 |
| T | | 300 ± 10 | ≥ 500 |

注：不同铠装直径的绝缘电阻试验电压，按常温绝缘电阻表中的规定。
Note: The difference insulation resistance of the outside diameter of MITC, as given in the insulation resistance at room temperature table.

铠装热电偶材料结构型式

Form Of Construction For MITC

