

## WZP Thermal Resistance

Product model: industrial thermal resistance

Manufacturer: Nanjing Hangjia Electronic Technology Co., Ltd.

Product category: thermal resistance

Sensor element: PT100

Application: field temperature measurement of petroleum, chemical, metallurgy, electric power and other industrial processes



## Technical Parameters

### Temperature Range and Accuracy

Thermal resistance Type	Measure range °C	Thermal Resistance	allowable deviation $\Delta t$ °C
WZP Type platinum resistor	-100~500	Pt100	B Grade $\pm (0.3 \text{ or } +0.005   t   )$
			A Grade $\pm (0.15 \text{ or } +0.002   t   )$

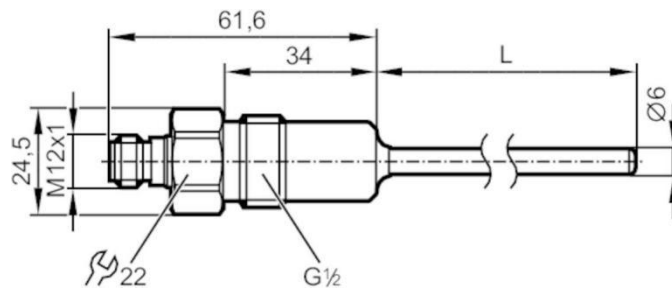
Remark: the “t” in formula is Absolute value of measured temperature of temperature sensing element.

Measuring Medium	Liquid, gas
Temperature Range	-50~200°C
Measuring element	1 x Pt 100(4 wires)
Ambient temperature	-25...80
Storage temperature	-40...100
Material	SS304
Connection Thread	G1/2
Insertion Depth	50mm
Probe diameter	6mm
Electrical Connection	M12

## Insulation Resistance

The test voltage of insulation resistance at room temperature can be 10 ~ 100V dc arbitrary value, the ambient temperature in the range of 15 ~ 35°C, the relative humidity should not be more than 80%. Cold insulation resistance shall be not less than 100 m Ω.

## Structure Drawings



## Electronic Connection

M12 Connector	Connection
