

Temperature Sensor/ Transducer

The Zibo Feiyan Xianxing **RT93** series of temperature sensor/ transducer are designed for environmentally demanding applications requiring the superior performance under normal and elevated pressure environments. Suitable for measuring solid surfaces, liquid, gas, vapor.



Features:

High precision, high reliability.

Optional probe diameter and probe length.

Sensor mounting options available.

- Power supply requirement: +24 VDC \pm 10%
- RoHS compliant.



Specifications:

- Measurement Range: -200° C to +500° C
- Signal Output: 4 to 20mA

Performance:

- Intrinsic Error: \pm 0.2% transducer, \pm 0.5% product.
- Response Time: Dependent upon probe diameter.

Sensor Protection Tube options:

Code		
G30	GH3030	Stainless steel
A	SUS304	Stainless steel
B	SUS321	Stainless steel
C	Cr25Ni20	Stainless steel

Mounting options:

Code		Operating Pressure
W	No mounting attachment	Normal
A	Threaded base with fixed fastener	25 MPa
B	Threaded base with adjustable fastener	Normal
C	Flange base with fixed fastener	2.5 MPa
D	Flange base with adjustable fastener	Normal

Sensor Probe Diameter options:

Code		Response Time
D2	3mm ϕ	3.0 seconds
D3	4mm ϕ	5.0 seconds
D4	5mm ϕ	8.0 seconds
D5	6mm ϕ	12.0 seconds
D6	8mm ϕ	15.0 seconds

Sensor Probe Length options:

Code	
L1	300mm
L2	350mm
L3	400mm
L4	450mm
L5	550mm
L6	650mm
L7	900mm

Temperature sensors can be designed and manufactured to meet the specific application requirements. For a no cost technical evaluation, please send the specific requirements to engineering@TIChenAssociates.com or to the address below.