

PCT003 Radial Bimetal Temperature Sensor

Features

- Temperature measurement range
- Easy installation
- High temperature measurement accuracy
- Long-term stability
- Long life cycle

Applications

- Electric power, aerospace industry
- Temperature measurement in textile, food and other fields
- Atomic energy, petroleum, chemical

Note:

Notes:

- 1 Do not touch the diaphragm with hard objects, which may cause damage to the diaphragm.
- 2 Please read the Instruction Manual of the product carefully before installation and check the relevant information of the product.
- 3 Strictly follow the wiring method for wiring, otherwise it may cause product damage or other potential faults.
- 4 Misuse of the product may cause danger or personal injury.



Product overview

The radial bimetal temperature sensor integrates bimetal thermometer and thermal resistance (couple) to meet the requirements of on-site temperature measurement and long-distance transmission. It can directly measure liquid, steam and gas media in the range of -80 ~ 500 degrees Celsius during various production processes and the temperature on solid surfaces.

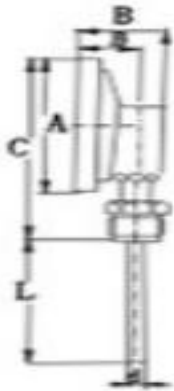
Notes:

- 1 Please read the product instruction manual carefully before installation and check the relevant information of the product.
- 2 Wire strictly according to the wiring method, otherwise it will cause product damage and other potential failures.
- 3 Incorrect use can cause danger and personal injury.

Technical Indicators

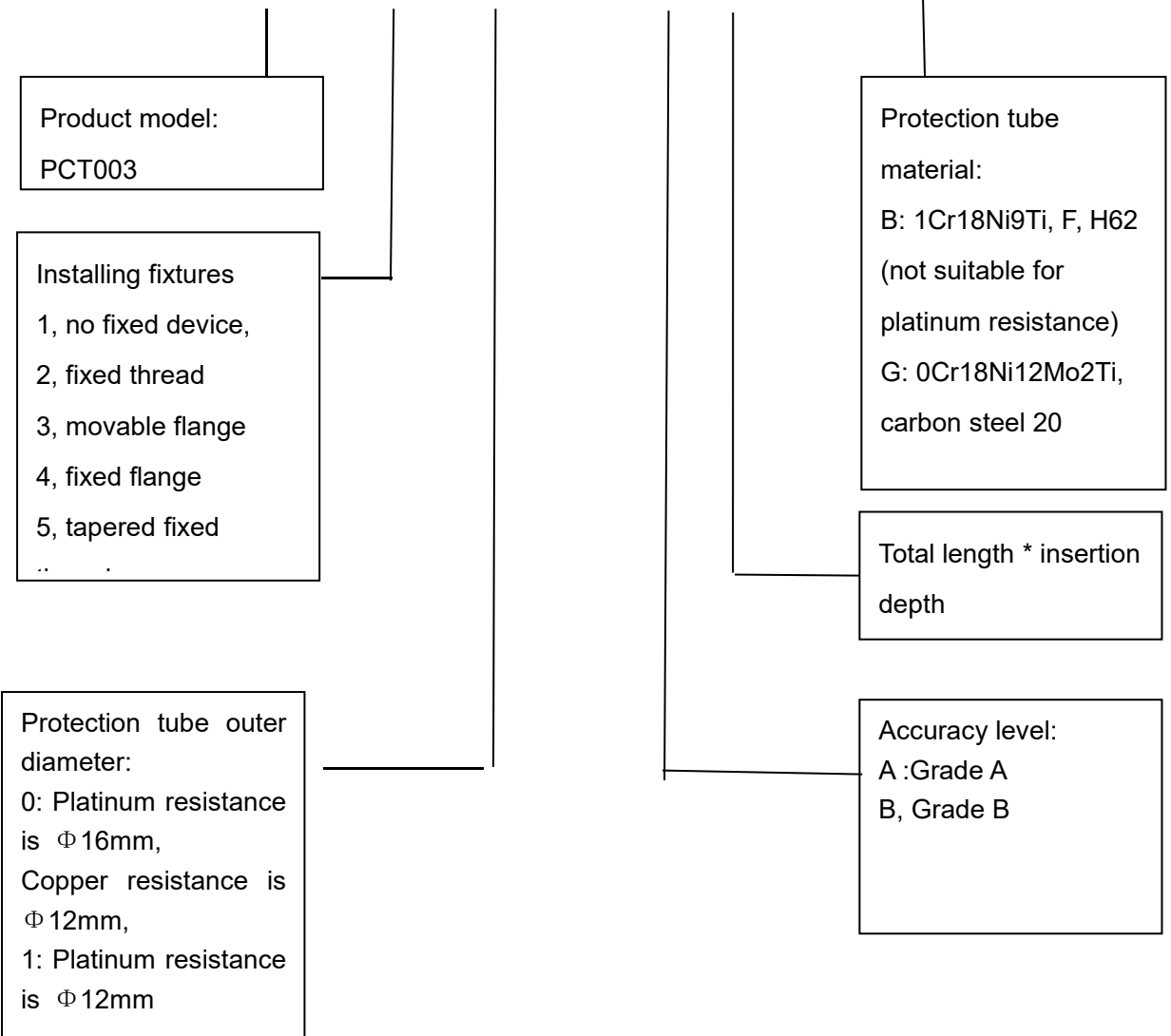
Model	Measurement Ranges: °C	ranges	Protection tube material	Insertion depth L
Bimetal temperature sensor	-80—40	1.0	1Cr-18N19Ti	75
	-40~60	1.5	304	100
	0~50		316	150
	0~150		316L	200
	0~200		Hastelloy	300
	0~400		C-276	400
	0~500		F46	500
	0~650			750 1000 2000
form	D	A	B	d
Radial type	105	23	73	Φ10
	155	23	73	
				Φ12
				Φ14

Product parameters	
Thermal response time:	≤40s
Accuracy class	1.0, 1.5FS
Thermocouple	Class I, 1.5 °C, Class II, 2.5 °C
Thermal resistance	Class A ± (0.15 + 0.0051t1)
	Class B ± (0.30 + 0.0051t1)
Protection	IP65
diameter	100, 150



How to order

PCT003 - 2 - 1 - A - 650*500 - B





Example: PCT003-2-1-A -650 * 500--B

The model number is PCT003, the mounting fixture is fixed thread, , the outer diameter of the protective tube is platinum resistance, the accuracy level is A, and the material of the protective tube is 1Cr18Ni9Ti, F, H62

Wotian reserves the right to make any change in this publication without notice. The information provided is believed to be accurate and reliable as of this product sheet.

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