

QTB100

General Temperature Transmitter

Overview

QTB100 is widely used in petroleum, chemical engineering, metallurgy, power station, hydrology etc.

Industrial platinum resistance thermometers and thermocouples are used as temperature sensors and are usually used in conjunction with display instruments, recording instruments and electronic regulators. The sensors can directly measure the temperature of liquid, vapor and gaseous media and solid surfaces in the range of -200°C~200°C in various production processes.



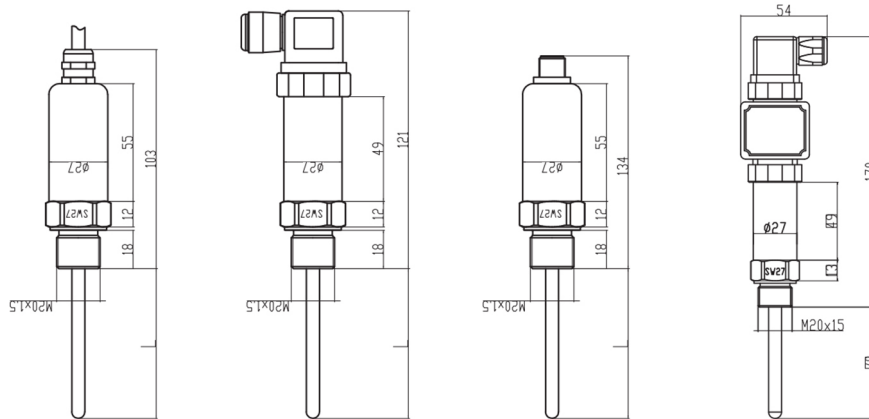
Features

- PT100 Sensor
- Apply to fluid
- Shock resistance and anti-corrosion
- Stainless steel case
- Compact size, easy to install
- High stability, low drift
- A variety of structures to choose from
- It can be used in various industrial occasions and has strong versatility

Performance Parameter

Measuring Range	-200~400°C
Output	4-20mA/0-5V/0-10V/RS485
Power Supply	10-30VDC
Accuracy	0.5%F.S
Electronic Connection	Hirschmann/M12/Cable
Thread	G1/2 / G1/4 / G1/8 / NPT1/2 NPT1/4 (Customizable)
Ambient Temperature	-30°C~70°C
Storage Temperature	-40°C~85°C
Relative Humidity	0-80%
Protection	IP65

Dimensions



Ordering Guide

QTB100	General Temperature Transmitter	
H	Code	Electrical Connections
	H	Hirschmann
	M	M12
	Z	Cable
79	Code	Shell Tube Length
	79	79mm(RS485 output)
	55	55mm(Regular, default size)
	35	35mm(Short shell)
I	Code	Output
	I	4-20mA
	V5	0-5V
	V10	0-10V
W	Code	Display
	W	Non-Display
	X	LED Display
	Y	LCD Display
G14	Code	Thread
	G14	G1/4
	G12	G1/2
	G38	G3/8
	NPT14	NPT1/4
	NPT12	NPT1/2
	MT	Movable Thread Installation
	DN10	Fixed Flange Installation(DN10、DN15、DN20、DN32...)
	C5	Clamp Connection 50.5mm
	C6	Clamp Connection 64mm
0-100°C	Range	Measuring Range
	(0-X)°C	X (Actual required range)
6	Code	Probe Rod Diameter Unit: mm (If Equipped With A Thermowell, Please Inform In Advance)
	6	6mm
	8	8mm
	10	10mm
	12	12mm
	Customized	
P200mm	Code	Probe Rod
	Pxx	Calculated based on the actual required length, unit: mm. The insertion depth length does not include threads by default.
S4	Code	Media Contact Materials
	S4	SS304
	S6	SS316L
	Customized	
50mm	code	Cooling Part Size (Added When Medium Temp. Over 100°C)
	50mm	100~150°C
	100mm	150~250°C
	150mm	250~400°C