

Resistance Thermometer with cable connector

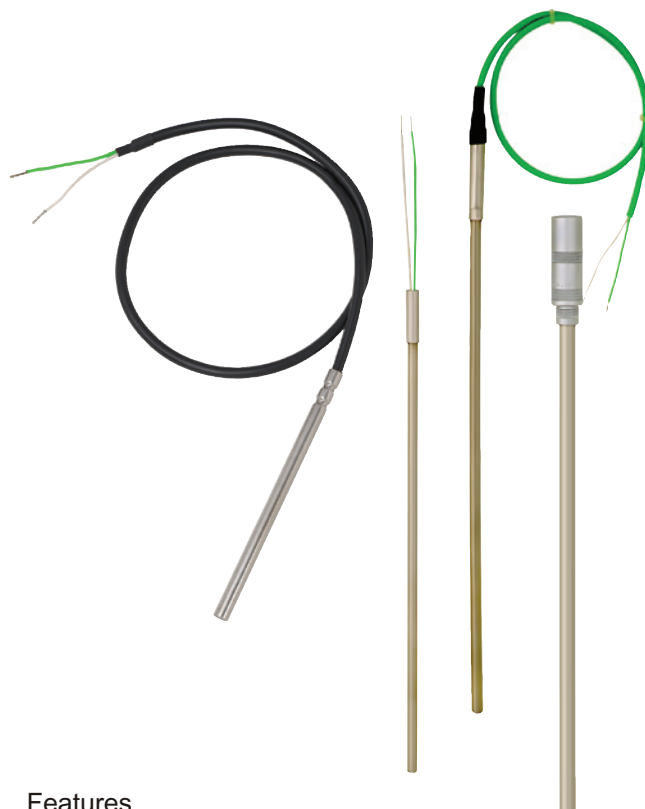
RTC112 RTC113 RTC114
RTC122 RTC123

Description

Resistance type thermometers of this construction are used as universal thermometers, preferably in processes with liquid or gaseous media at low pressure.

The thermometers are supplied with flexible sheath or rigid bulb. The protection against aggressive media is available by the use of different materials and protections of the bulb. Cable and bulb built a fixed connection. Threaded connectors are welded to the bulb.

As a standard we use a temperature sensor PT 100/2-wire, acc. DIN IEC 751. On request a 3 or 4-wire version is supplied too.



Features

- Rigid or flexible thermowell
- Great choice of standard versions
- Special versions as per customer request

Temperature Ranges

-200...600°C

Applications

- Machine building
- Container and piping construction
- Machine-, heating and oven construction

Technical Details

Model	RTC100		Options
Design			
Description	to be screwed or pushed-in		
Process connection	G 1/4A, G 1/2A, G 3/4A, G 1 A, M 10x1, M 20x1.5		
Stem			
Diameter	Φ 3 mm Φ 6 mm Φ 8 mm		other diameters
Stem length L1	25 mm 100 mm 1000 mm		other lengths
Material	1.4571		1.4541 2.4816 Inconel
Connection wire	1000 mm Silikon Standard waterproof as per IP 65 acc. to DIN40 050		cable of PTFE or glas filament
Sensor	RTC112 1 x PT 100/2-Wire Standard RTC113 1 x PT 100/3-Wire RTC114 1 x PT 100/4-Wire RTC122 2 x PT 100/2-Wire RTC123 2 x PT 100/3-Wire acc. DIN IEC 751, classe B		classe A