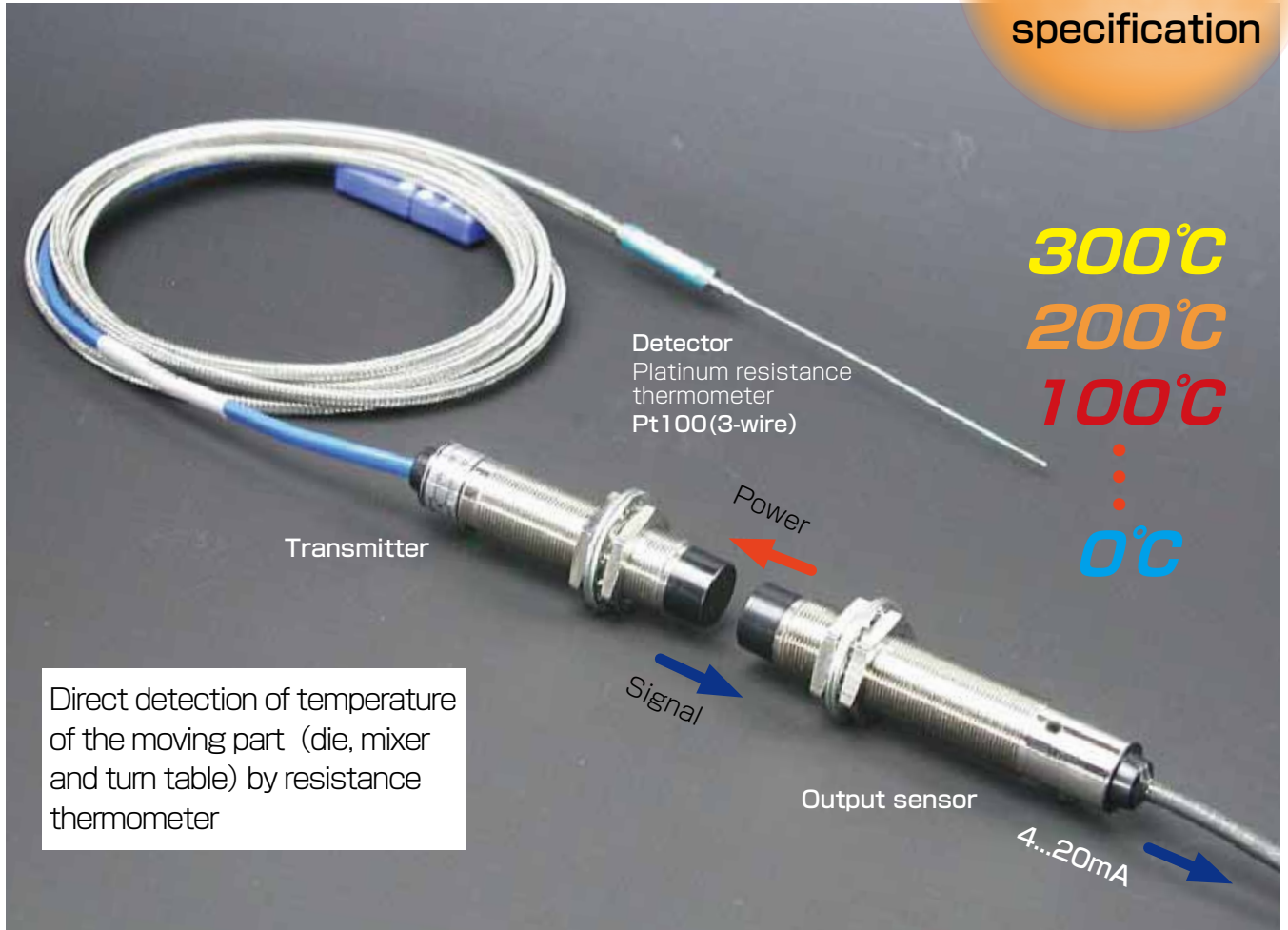
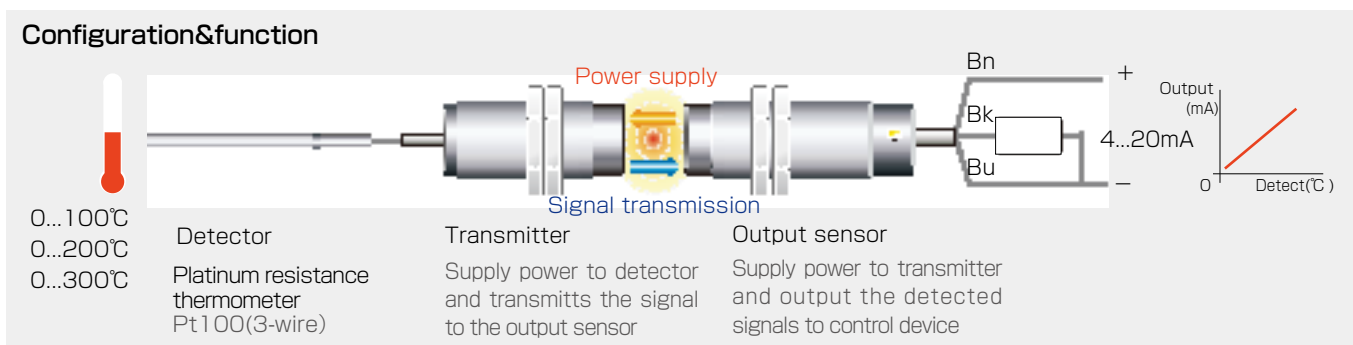


Simultaneously supplies the power & transmits signals of the resistance thermometer

Analog signal transmission for resistance thermometer specification



Direct detection of temperature of the moving part (die, mixer and turn table) by resistance thermometer



Merits of the Remote sensor system

No wiring to moving part

No cable brakage

Noncontact power supply & signal transmission

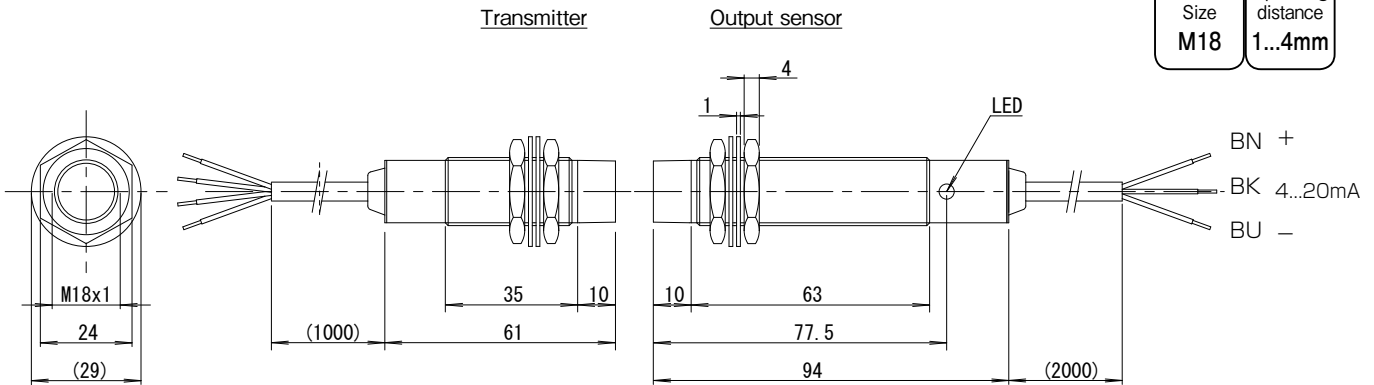
Just face to face

No connection work

No time loss

Resistance thermometer specification

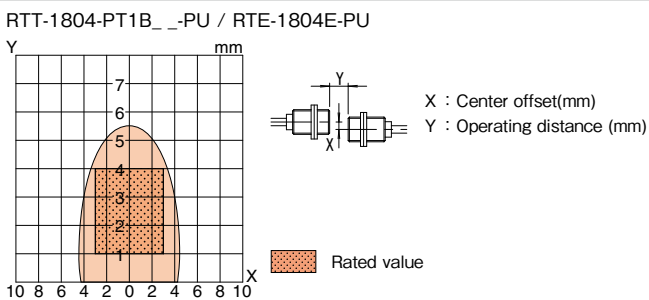
Size <b>M18</b>	Operating distance <b>1...4mm</b>
--------------------	--------------------------------------



Transmitter	
Type	0...100°C RTT-1804-PT1B10-PU-01 0...200°C RTT-1804-PT1B20-PU-01 0...300°C RTT-1804-PT1B30-PU-01
No. of input signal	1
Operating distance	1...4mm
Center offset	± 2.5mm
Operating Temperature	0...+60°C
Protection class	IP67
Cable	PUR / φ 5, 3x0.34mm <sup>2</sup>
Material	Housing: Nickel plated brass Active face: Nylon 12
Note	Use JIS conformable Platinum resistance thermometer Pt100(3-wire) as a detector

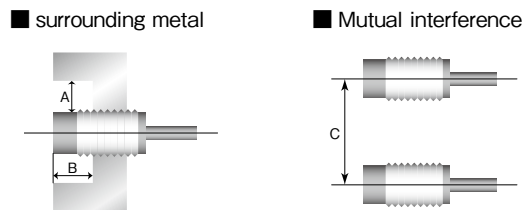
Output sensor	
Type	RTE-1804E-PU-02
Output current	4...20mA
Operating voltage	24V DC ± 5% (including ripple)
Current consumption	≤ 150mA
No. of output signal	1
Resolution	≤ 0.5°C
Frequency of operation	≤ 0.5 sec.
LED	INZONE
Operating Temperature	0...+60°C
Protection class	IP67
Cable	PUR / φ 5, 3x0.34mm <sup>2</sup>
Material	Housing: Nickel plated brass Active face: Nylon 12
Note	Current output is current source. Load is connected between output and -.

Typical transmitting diagram (supply voltage at 24V/non-flush mounted)



Mounting

In order to avoid influence of surrounding metal, or to avoid mutual interference between parallel-mounted sensors, keep the minimum free zone as described below.



Type	A(mm)	B(mm)	C(mm)
RTT-1804-PT1B_ _-PU- _ _	20	15	110
RTE-1804E-PU- _ _			

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\*Specification is subject to change without notice.