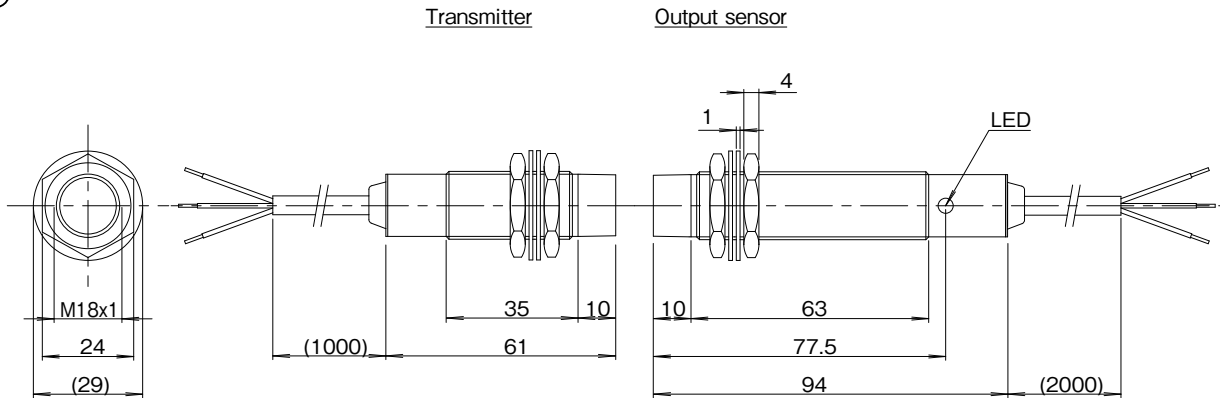


for 1 resistance thermometer / Size : M18

Operating distance  
1...4mm



A039

Wiring C016/P.121

Transmitter	
Type	0...100°C RTT-1804-PT1B10-PU-01
Code	0...200°C RTT-1804-PT1B20-PU-01
	0...300°C RTT-1804-PT1B30-PU-01
Applicable sensor	Resistance Thermometer type Pt100 3-wire
No. of input signal	1
Measuring range	0...100°C , 0...200°C , 0...300°C
Operating distance	1...4mm
Center offset	± 2.5mm
Operating temperature	0...+60°C
Protection class	IP67
Cable	PUR / Ø5 , 3x0.34mm <sup>2</sup>
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 75 g + Cable 35 g x 1 m
Remarks	

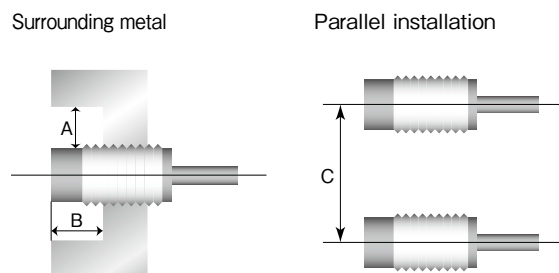
Output sensor	
Type	RTE-1804E-PU-02
Code	Current output
Operational voltage	24V DC ± 5% (incl. ripple)
Current consumption	≤ 150mA
No. of output signal	1
Output	4...20mA
Resolution	≤ 0.5°C
Response delay	≤ 0.5 sec.
LED	InZone
Operating temperature	0...+60°C
Protection class	IP67
Cable	PUR / Ø5 , 3x0.34mm <sup>2</sup>
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 95 g + Cable 35 g x 2 m
Remarks	

### Notes

- For detector, please use Resistance Thermometer type Pt100 (3-wire) that meets the JIS C1602.
- The temperature range is allowed as ;  
RTT-1804-PT1B10-PU / RTT-9012-PT1B10-PU : 0...100 degree C  
RTT-1804-PT1B20-PU / RTT-9012-PT1B20-PU : 0...200 degree C  
RTT-1804-PT1B30-PU / RTT-9012-PT1B30-PU : 0...300 degree C
- Output is current source , therefore please connect the load between output and negative.

### Installation notes

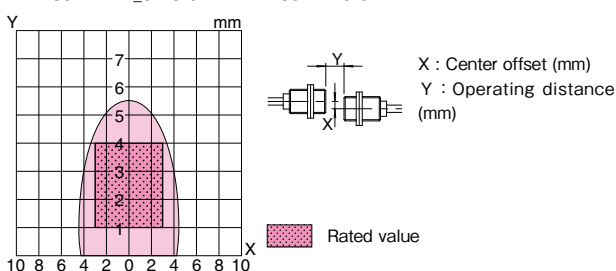
In order to avoid influence of surrounding metal, or to avoid mutual influence between parallel-mounted Transmitters or Output sensors, keep the minimum distances as described below.

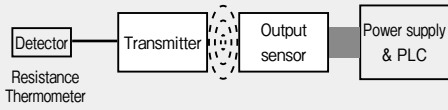


Type Code	A(mm)	B(mm)	C(mm)
RTT-1804-PT1B_0-PU-__	20	15	110
RTE-1804E-PU-__			

### Typical Transmitting Diagram (Supply voltage at 24V/non-flush mount)

RTT-1804-PT1B\_0-PU-01 / RTE-1804E-PU-02





RTT-1804-PT  
RTE-18

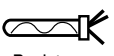
1  
signal

Signal type



Analog

Sensor type



Resistance  
Thermometer

## Remote Sensor


DC 3-wire detector type

DC 3-wire type Terminal unit

DC 2-wire detector type

DC 2-wire type Terminal unit

Exclusive detector type

Thermocouple type

Resistance Thermometer type

Load cell type

Analog sensor type

Exclusive sensor

Terminal box other unit

## Wiring

Products for maintenance

Special spec.

Alphanumeric product list