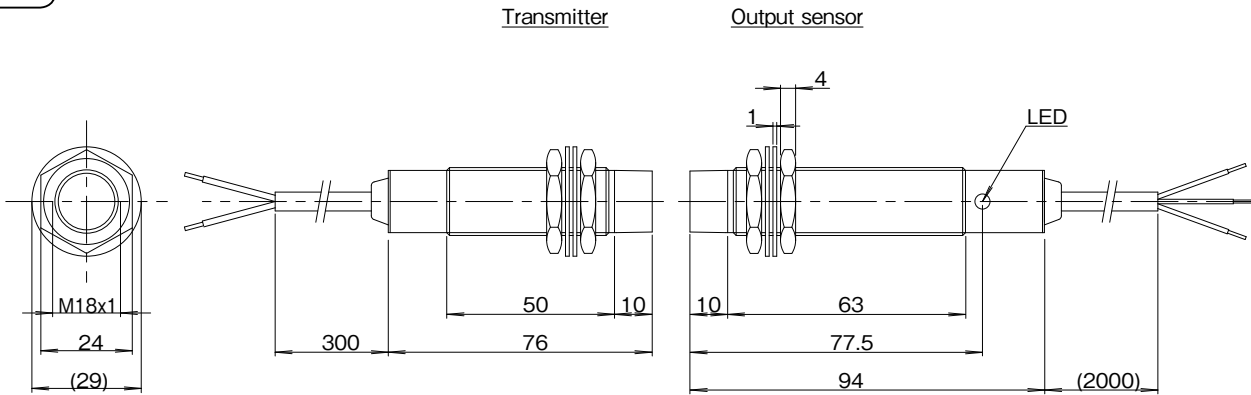


for 1 thermocouple K type / Size : M18

Operating distance
1...4mm



A035

Wiring C014/P.121

Transmitter	
Type Code	Thermocouple K 0...1000°C RTT-1804-K100
Applicable sensor	Thermocouple K type
No. of input signal	1
Measuring range	0...1000°C
Operating distance	1...4mm
Center offset	± 2.5mm
Operating temperature	0...+60°C
Protection class	IP67
Cable	Compensating lead wire 2x0.34mm ² , ellipse 5x3.5mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 75 g + Cable 40 g x 1 m
Remarks	

Output sensor	
Type Code	Current output RTE-1804E-PU-02
Operational voltage	24V DC ± 5% (incl. ripple)
Current consumption	≤ 150mA
No. of output signal	1
Output signal	4...20mA
Resolution	0.1%
Response delay	≤ 0.5 sec.
LED	InZone
Operating temperature	0...+60°C
Protection class	IP67
Cable	PUR / Ø5 , 3x0.34mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 95 g + Cable 35 g x 2 m
Remarks	

Notes

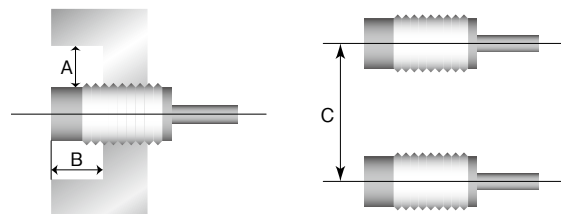
- Please use thermocouple K type complying to JIS.
- The temperature range is allowed 0...1000 degree C.
- Transmitter compensates the thermal voltage at the standard base temperature and converts to digital databased on this temperature range.
- Output is current source, therefore please connect the 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.

Surrounding metal

Parallel installation



Type Code	A(mm)	B(mm)	C(mm)
RTT-1804-K100	20	15	110
RTE-1804E-PU-__			

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

RTT-1804-K100 / RTE-1804E-PU-__

