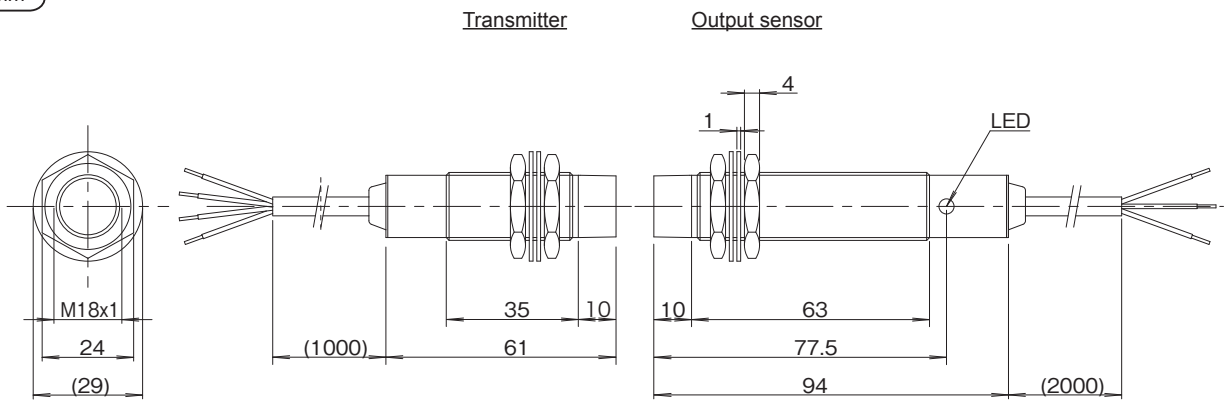
for 1 load cell / Size : M18

Operating distance 1...4mm



A040

Wiring C017 / P.126

Transmitter				
Type Code	1mV/V	**RNT-1804-LC10-PU-01**		
	1.5mV/V	**RNT-1804-LC15-PU-01**		
	2mV/V	**RNT-1804-LC20-PU-01**		
Sensor type		Compression load cell 350 Ω± 10%		
No. of Input signal		1 signal		
Operating distance		1...4mm		
Center offset		±2.5mm		
Input sensitivity		1mV/V	1.5mV/V	2mV/V
Resolution		≦ 1%	≦ 0.75%	≦ 0.5%
Operating temperature		0...+60℃		
Protection class		IP67		
Cable		PUR / Ø5.5 , 4x0.25mm² with shield		
Material	Housing	Nickel plated brass		
	Active face	Nylon 12		
Weight		Body 80 g + Cable50 g × 1 m		
Remark				

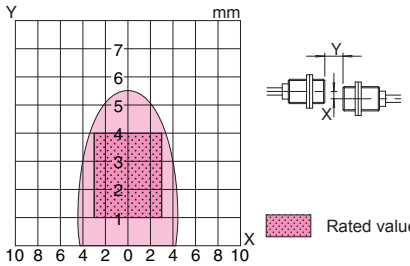
Output sensor		
Type Code	Current output	**RTE-1804E-PU-02**
Supply voltage		24V DC ±5% (including ripple)
Current consumption		≦ 150mA
No. of Output signal		1 signal
Output		4...20mA
Resolution		≦ 0.5...1% (depending on input sensitivity)
Response delay		≦ 0.5 sec.
LED		Inzone
Operating temperature		0...+60℃
Protection class		IP67
Cable		PUR / φ 5 , 3x0.34mm²
Material	Housing	Nickel plated brass
	Active face	Nylon 12
Weight		Body 95 g + Cable35 g × 2 m
Remark		

Notes

- Use a compression load cell (350 ohm +/- 10%) as a detector.
- Output is current source, therefore please connect the load between output and negative.

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

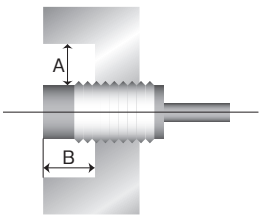
RNT-1804-LC_ _-PU-01 / RTE-1804E-PU-02



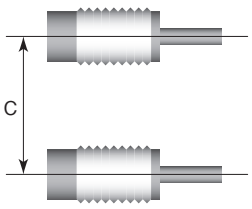
Installation notes

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

■ Surrounding metal



■ Parallel installation



Type Code	A(mm)	B(mm)	C(mm)
RNT-1804-LC_ _-PU-_ _	20	15	110
RTE-1804E-PU-_ _			