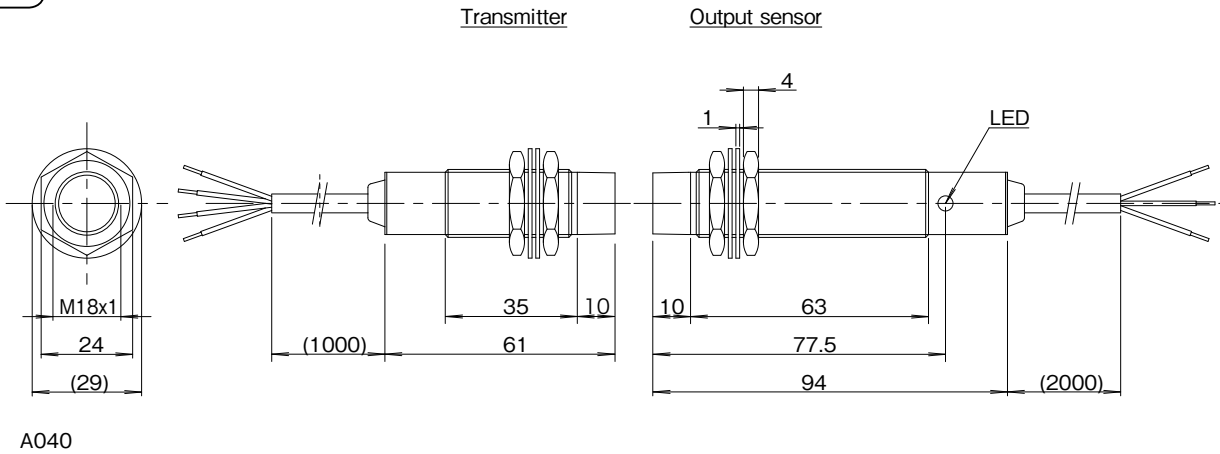


for 1 load cell / Size : M18

Operating distance  
1...4mm



Wiring C017/P.121

		Transmitter		
Type	1mV/V	RNT-1804-LC10-PU-01		
Code	1.5mV/V	RNT-1804-LC15-PU-01		
	2mV/V	RNT-1804-LC20-PU-01		
Applicable sensor	Compression load cell 350 Ω ± 10%			
No. of input signal	1			
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°C			
Protection class	IP67			
Cable	PUR / Ø5.5, 4x0.25mm <sup>2</sup> with shield			
Material	Housing	Nickel plated brass		
	Active face	Nylon 12		
Weight	Body 80 g + Cable 50 g x 1 m			
Remarks				

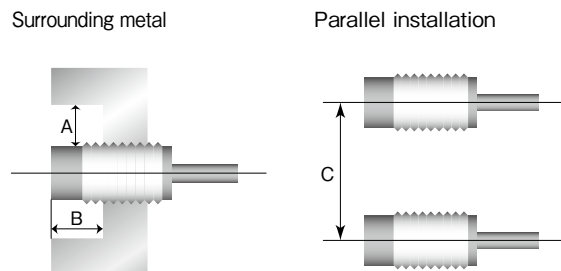
		Output sensor	
Type		RTE-1804E-PU-02	
Code	Current output		
Operational voltage	24V DC ± 5% (incl. ripple)		
Current consumption	≤ 150mA		
No. of output signal	1		
Output	4...20mA		
Resolution	≤ 0.5...1% (depending on input sensitivity)		
Response delay	≤ 0.5 sec.		
LED	InZone		
Operating temperature	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

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

### 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-LC_-_-PU-_-	20	15	110
RTE-1804E-PU-_-			

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

RTT-1804-LC\_-\_-PU-01 / RTE-1804E-PU-02

