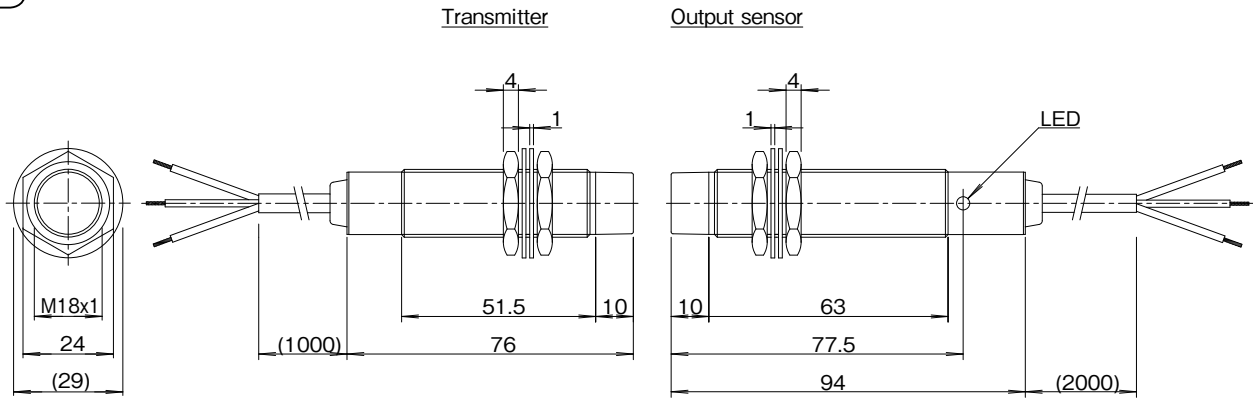


for 1 analog sensor / Size : M18

Operating distance
0...2.5mm



A041

Wiring C018/P.121

Transmitter	
Type Code	0...10V RNT-1803-VS10-PU-01
Applicable sensor	Analog sensor output 0...10V
No. of input signal	1
Drive voltage	20 ± 4V DC
Drive current	max.10mA
Operating distance	0...2.5mm
Center offset	± 2mm
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 80 g + Cable 35 g x 1 m
Remarks	

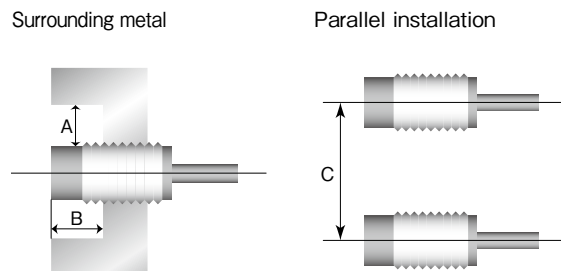
Output sensor	
Type Code	RNE-1803A-PU-02
Operational voltage	24V DC ± 5% (incl. ripple)
Current consumption	≤ 150mA
No. of output signal	1
Output	0...10V
Resolution	0.1%
Response delay	≤ 0.2 sec.
LED	InZone
Operating temperature	0...+60°C
Protection class	IP67
Cable	PUR / Ø5 , 3x0.34mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 90 g + Cable 35 g x 2 m
Remarks	

Notes

- Use the analog sensors which fulfill the specifications below:
 - (1) Output voltage : 0...10V
 - (2) Operating voltage : 16...24V
 - (3) Current consumption : ≤ 10mA

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)
RNT-1803-VS10-PU-__	20	15	110
RTE-1803A-PU-__			

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

RNT-1803-VS10-PU-01 / RNE-1803A-PU-02

