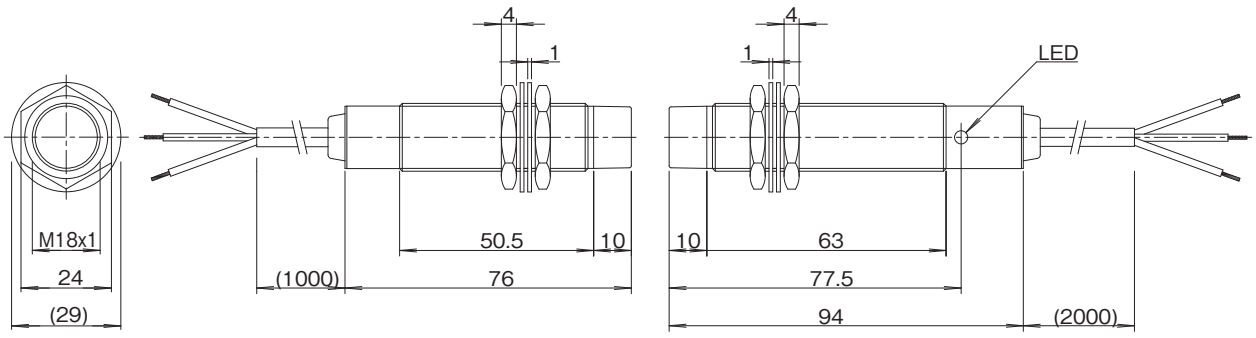
for 1 analog sensor / Size : M18

Operating distance 0...2.5mm

Transmitter Output sensor



A041

Wiring C018 / P.126

Transmitter		
Type Code	0...10V	**RNT-1803-VS10-PU-01**
Sensor type		Analog sensor output 0...10V
No. of Input signal		1 signal
Drive voltage		20 ± 4V DC
Drive current		≦ 10mA
Operating distance		0...2.5mm
Center offset		±2mm
Operating temperature		0...+60℃
Protection class		IP67
Cable		PUR / ϕ 5 , 3x0.34mm^2
Material	Housing	Nickel plated brass
	Active face	Nylon 12
Weight		Body 80 g + Cable35 g × 1 m
Remark		

Output sensor		
Type Code	Analog sensor	**RNE-1803A-PU-02**
Supply voltage		24V DC ±5% (including ripple)
Voltage output		≦ 150mA
No. of Output signal		1 signal
Output		0...10V
Resolution		0.1%
Response delay		≦ 0.2 sec.
LED		Inzone
Operating temperature		0...+60℃
Protection class		IP67
Cable		PUR / ϕ 5 , 3x0.34mm^2
Material	Housing	Nickel plated brass
	Active face	Nylon 12
Weight		Body 90 g + Cable35 g × 2 m
Remark		

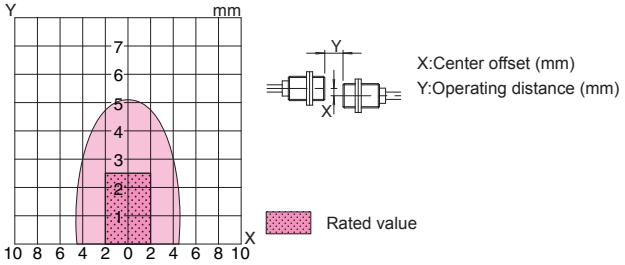
Notes

- Use the analog sesnsors whitch fulfill the specifications below:

Operating voltage	16...24V
Output voltage	0...10V
Current consumption	≦ 10mA

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

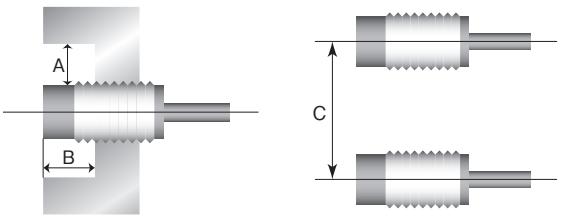
RNT-1803-VS10-PU-01 / RNE-1803A-PU-02



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-1803-VS10-PU-_ _	20	15	110
RTE-1803A-PU-_ _			