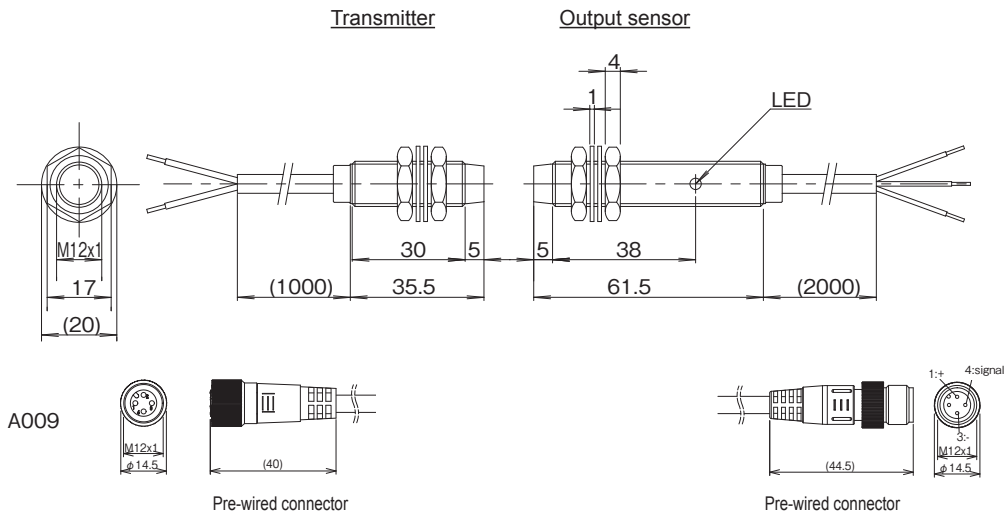


for 1 sensor / Size : M12

Operating distance
0...2mm



Wiring C012 / P.125

		Transmitter	
		Cable	Pre-wired connector
Type	RXD	RXT-1202-PU-01	RXT-1202-PU-CP0.3
Code	Mechanical	RST-1202-PU-01	-
Drive voltage	---		
Drive current	---		
No. of Input signal	1 signal		
Operating distance	0...2mm (0...1.6mm)		
Center offset	±1.5mm		
Drive current	---		
Operating temperature	0...+50°C		
Protection class	IP67		
Cable	PUR / φ 5 , 2x0.34mm ²		
Material Housing	Nickel plated brass		
Active face	Nylon 12		
Weight	Body 30g + Cable 25g x 1m / +Connector cable 30cm 30g		
Remark	(): Operating distance when flush-mounted		

		Output sensor	
		Cable	Pre-wired connector
Type	NPN	RXE-1202N-PU-02	RXE-1202N-PU-CP0.3
Code	PNP	RXE-1202P-PU-02	RXE-1202P-PU-CP0.3
Supply voltage	24V DC ±10% (including ripple)		
Current consumption	≤ 25mA		
No. of Output signal	1 signal		
Load current	≤ 100mA		
Frequency of operation	25Hz		
LED	Signal output indication		
Operating temperature	0...+50°C		
Protection class	IP67		
Cable	PUR / φ 5 , 3x0.34mm ²		
Material Housing	Nickel plated brass		
Active face	Nylon 12		
Weight	Body 40g + Cable 35g x 2m / +Connector cable 30cm 30g		
Remark			

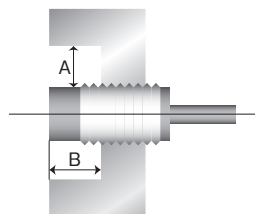
Applicable sensor

- The applicable sensor for RXT is an exclusive sensor RXD series. (see P.107)
- It is no problem even if the outer diameter of RXD and RXT is different.
- The applicable sensor of RST is a mechanical switch which is the micro-load type without LED.

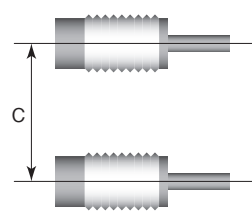
Installation notes

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

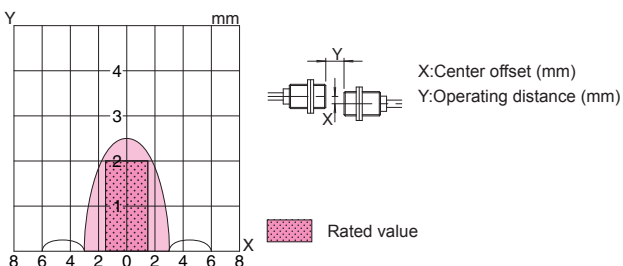


Parallel installation



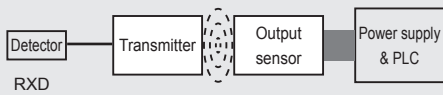
Typical Transmitting Diagram (Supply voltage at 24V / non-flush mount)

RXT-1202-PU-__ / RXE-1202 □ -PU-__



Type Code	A(mm)	B(mm)	C(mm)
RXT-1202-PU-__	12 (6)	12 (0)	100 (20)
RXE-1202 □ -PU-__			

(): Flush-mounted in metal



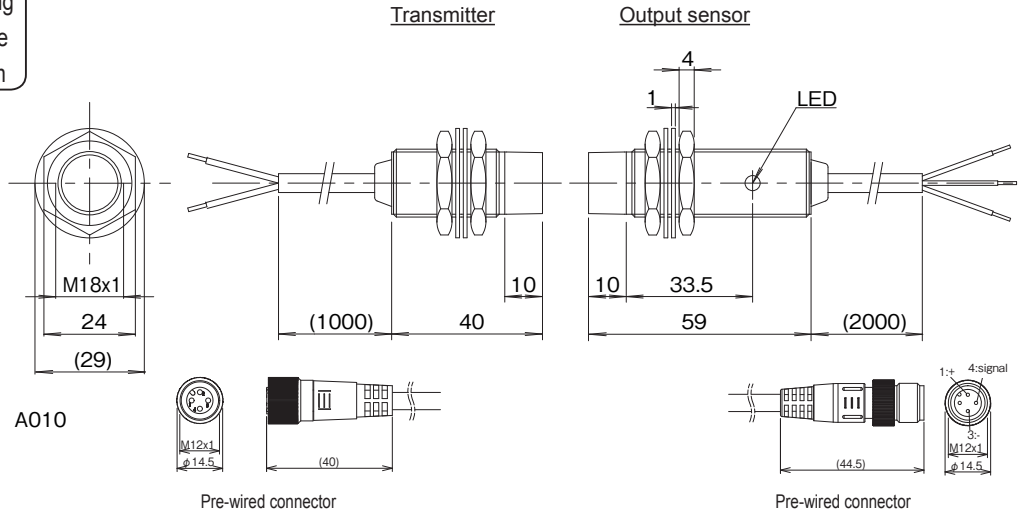
RXT-12
RXE-12

RXT-18
RXE-18



for 1 sensor / Size : M18

Operating distance
0...5mm



Signal type
Switch signal

Sensor type
RXD
DC 2-wire

Remote Sensor

DC 3-wire
Detector type

DC 3-wire
Terminal unit

DC 2-wire
Detector type

DC 2-wire
Terminal unit

Exclusive detector type

Thermocouple type

Resistance thermometer type

Load cell type

Analog sensor type

Exclusive sensor

Terminal box
Other unit

Wiring

Discontinued plans

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Wiring C012 / P.125

		Transmitter	
		Cable	Pre-wired connector
Type Code	RXD	RXT-1805-PU-01	RXT-1805-PU-CP0.3
Drive voltage	---		
Drive current	---		
No. of Input signals	1 signal		
Operating distance	0...5mm (0...4mm)		
Center offset	±2.5mm		
Drive current	---		
Operating temperature	0...+50°C		
Protection class	IP67		
Cable	PUR / φ 5 , 2x0.34mm ²		
Material Housing	Nickel plated brass		
Active face	Nylon 12		
Weight	Body 40g + Cable 25g x 1m / +Connector cable 30cm 30g		
Remark	(): Operating distance when flush-mounted		

		Output sensor	
		Cable	Pre-wired connector
Type Code	NPN PNP	RXE-1805N-PU-02 RXE-1805P-PU-02	RXE-1805N-PU-CP0.3 RXE-1805P-PU-CP0.3
Supply voltage	24V DC ±10% (including ripple)		
Current consumption	≤ 25mA		
No. of Output signal	1 signal		
Load current	≤ 100mA		
Frequency of operation	25Hz		
LED	Signal output indication		
Operating temperature	0...+50°C		
Protection class	IP67		
Cable	PUR / φ 5 , 3x0.34mm ²		
Material Housing	Nickel plated brass		
Active face	Nylon 12		
Weight	Body 60g + Cable 35g x 2m / +Connector cable 30cm 30g		
Remark			

Applicable sensor

- The applicable sensor for RXT is an exclusive sensor RXD series. (see P.107)
- It is no problem even if the outer diameter of RXD and RXT is different.

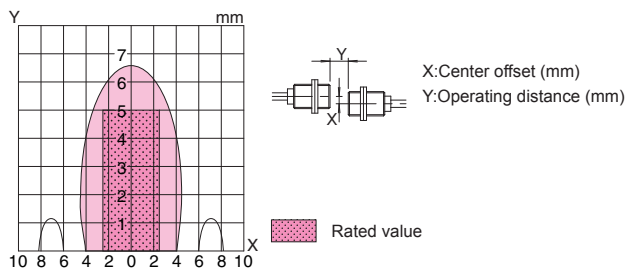
Installation notes

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.



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

RXT-1805-PU-__ / RXE-1805 □ -PU-__

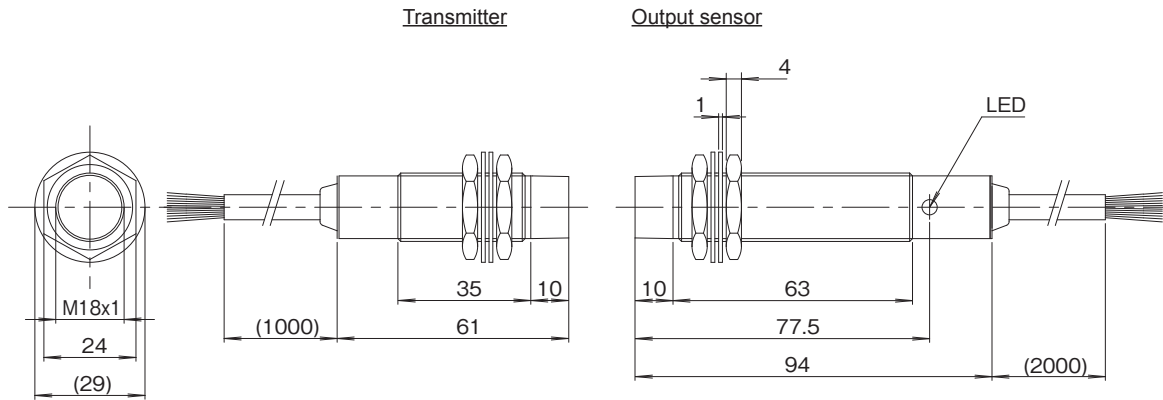


Type Code	A(mm)	B(mm)	C(mm)
RXT-1805-PU-__	18 (9)	18 (0)	110 (35)
RXE-1805 □ -PU-__			

() : Flush-mounted in metal

for max. 8 sensors / Size : M18

Operating distance
1...5mm



A014

Wiring C027 / P.125

Type		Transmitter
RXD / Mechanical		RXT8-1805-PU-01
Drive voltage	---	
Drive current	---	
No. of Input signals	8 signals	
Operating distance	1...5mm	
Center offset	±2.5mm	
Drive current	---	
Operating temperature	0...+50°C	
Protection class	IP67	
Cable	PUR / ϕ 7.9 , 9x0.18mm ²	
Material Housing	Nickel plated brass	
Active face	Nylon 12	
Weight	Body 65 g + Cable 75 g × 1 m	
Remark		

Type		Output sensor
NPN / PNP		RXE8-1800N-PU-02 RXE8-1800P-PU-02
Supply voltage	24V DC ±10% (including ripple)	
Current consumption	≤ 150mA	
No. of Output signals	8 signals + 1 signal (Inzone)	
Load current	max.50mA per output	
Frequency of operation	100Hz	
LED	Inzone	
Operating temperature	0...+50°C	
Protection class	IP67	
Cable	PUR / ϕ 7.7 , 2x0.5mm ² +9x0.18mm ²	
Material Housing	Nickel plated brass	
Active face	Nylon 12	
Weight	Body 95 g + Cable 75 g × 2 m	
Remark		

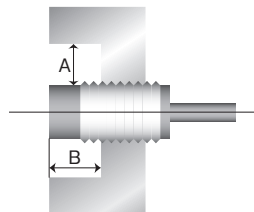
Applicable sensor

- The applicable sensor is an exclusive sensor RXD series (see P.107) and a mechanical switch. The standard sensors can not be used.
- It is no problem even if the outer diameter of RXD and RXT is different.
- When using a mechanical switch, it should be the micro-load type without LED.

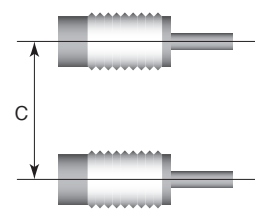
Installation notes

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



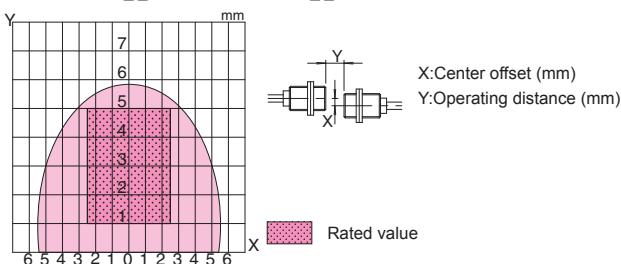
Parallel installation

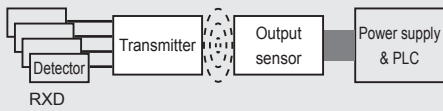


Type Code	A(mm)	B(mm)	C(mm)
RXT8-1805-PU-__	18	18	110
RXE8-1800 □ -PU-__			

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

RXT8-1805-PU-__ / RXE8-1800 □ -PU-__





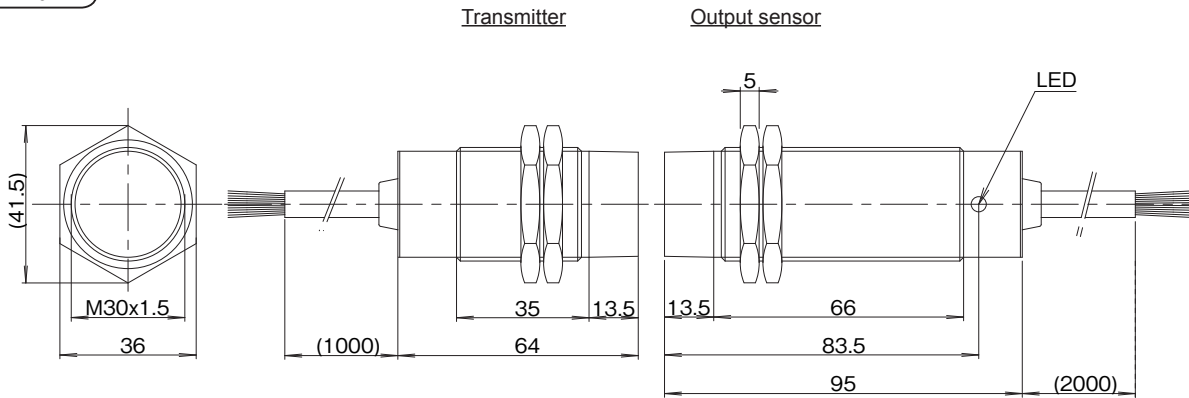
RXT8-18
RXE8-18

RXT8-30
RXE8-30

8
signals

for max. 8 sensors / Size : M30

Operating distance
1...10mm



A004

Wiring C027 / P.125

Transmitter	
Type RXD / Code Mechanical	RXT8-3010-PU-01
Drive voltage	---
Drive current	---
No. of Input signals	8 signals
Operating distance	1...10mm
Center offset	±3mm
Drive current	---
Operating temperature	0...+50°C
Protection class	IP67
Cable	PUR / φ 7.9 , 9x0.18mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 110 g + Cable 75 g × 1 m
Remark	

Output sensor	
Type Code	NPN RXE8-3000N-PU-02 PNP RXE8-3000P-PU-02
Supply voltage	24V DC ±10% (including ripple)
Current consumption	≤ 150mA
No. of Output signals	8 signals + 1 signal (Inzone)
Load current	max.50mA per output
Frequency of operation	100Hz
LED	Inzone
Operating temperature	0...+50°C
Protection class	IP67
Cable	PUR / φ 7.7 , 2x0.5mm ² +9x0.18mm ²
Material Housing	Nickel plated brass
Active face	Nylon 12
Weight	Body 160 g + Cable 75 g × 2 m
Remark	

Signal type
Switch signal

Sensor type
RXD
DC 2-wire

Remote Sensor

DC 3-wire
Detector type

DC 3-wire
Terminal unit

DC 2-wire
Detector type

DC 2-wire
Terminal unit

Exclusive detector type

Thermocouple type

Resistance thermometer type

Load cell type

Analog sensor type

Applicable sensor

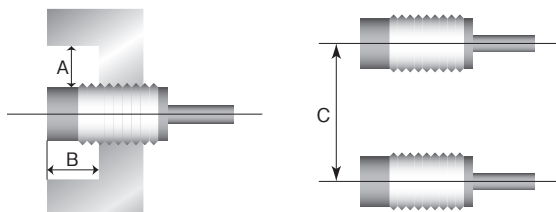
- The applicable sensor is an exclusive sensor RXD series (see P.107) and a mechanical switch. The standard sensors can not be used.
- It is no problem even if the outer diameter of RXD and RXT is different.
- When using a mechanical switch, it should be the micro-load type without LED.

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.

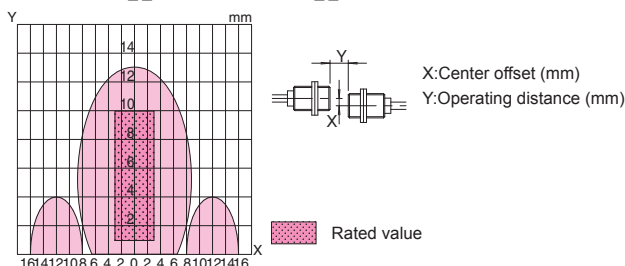
■ Surrounding metal

■ Parallel installation



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

RXT8-3010-PU-__ / RXE8-3000 □ -PU-__



Type Code	A(mm)	B(mm)	C(mm)
RXT8-3010-PU-__	30	20	200
RXE8-3000 □ -PU-__			

Exclusive sensor

Terminal box
Other unit

Wiring

Discontinued plans

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