

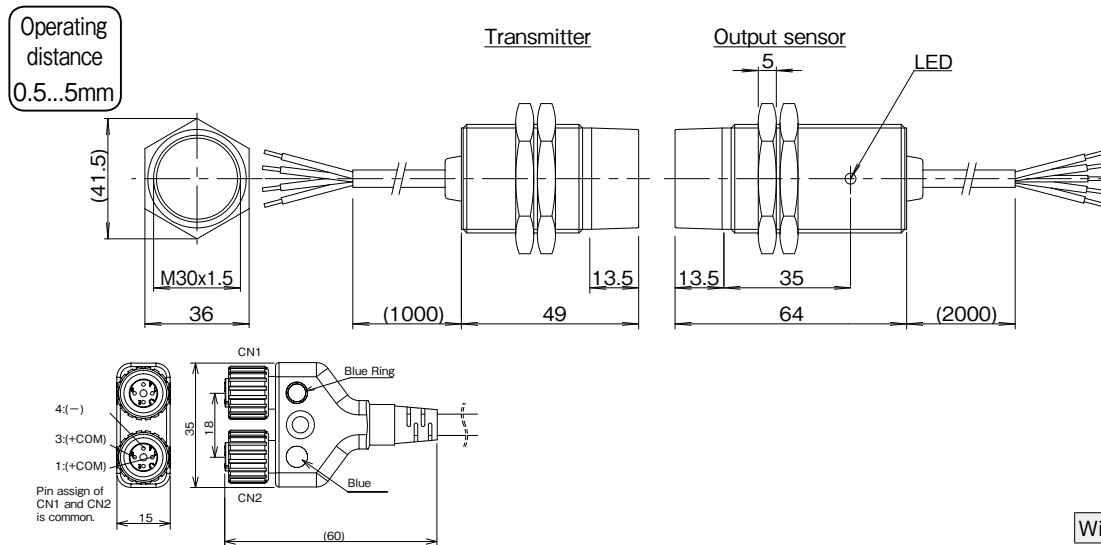
RPT2-18  
RPE2-18

RPT2-30  
RPE2-30

2  
signal

DC 2-wire

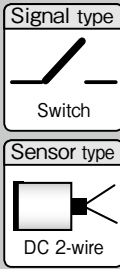
for max. 2 sensors / Size : M30



Wiring C007/P.116

		Transmitter	
		Cable	Pre-wired connector
Type Code	DC 2-wire	RPT2-3005D-PU-01	RPT2-3005D-CP0.3
Drive voltage		12V ± 1.5V DC	
Drive current		5mA per sensor	
No. of input signal		2	
Operating distance		0.5...5mm	
Center offset		± 5mm	
Drive current		5mA	
Operating temperature		0...+50°C	
Protection class		IP67	
Cable		PUR / Ø6 , 4x0.5mm <sup>2</sup>   PVC / Ø6	
Material	Housing	Nickel plated brass	
	Active face	Nylon 12	
Weight		Body 110g + Cable 50g x 1m /+Connector cable 30cm 80g	
Anti-weld slag		Cable	Pre-wired connector
Type Code	DC2-wire	RPT2-TF3005D-PU-01	RPT2-TF3005D-CP0.3
	Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin	

		Output sensor	
		NPN	RPE2-3005N-PU-02
		PNP	RPE2-3005P-PU-02
Type Code			
Operational voltage		24V DC ± 10% (incl. ripple)	
Current consumption		≤ 150mA	
No. of output signal		2 +1 (InZone)	
Load current		max.50mA per output	
Frequency of operation		25Hz	
LED		InZone	
Operating temperature		0...+50°C	
Protection class		IP67	
Cable		PUR / Ø6.4 , 5x0.5mm <sup>2</sup>	
Material	Housing	Nickel plated brass	
	Active face	Nylon 12	
Weight		Body 130 g + Cable 60 g x 2 m	
Anti-weld slag		NPN	RPE2-TF3005N-PU-02
Type Code		PNP	RPE2-TF3005P-PU-02
	Material	Housing:Fluorinated resin coated/Active face:Fluorinated resin	



Remote  
Sensor

DC 3-wire  
detector type

DC 3-wire type  
Terminal unit

DC 2-wire  
detector type

DC 2-wire type  
Terminal unit

Exclusive  
detector type

Thermocouple  
type

Resistance  
thermometer type

Load cell type

Analog sensor  
type

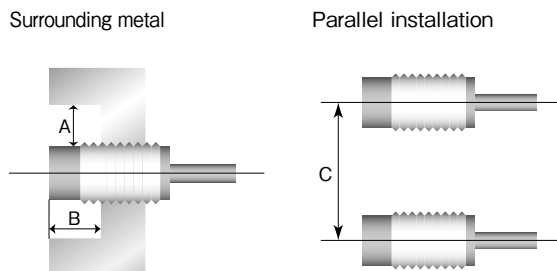
### Applicable sensor

Supply voltage	12V DC
Current consumption	---
Residual voltage	≤ 3.5V
Load current	≤ 5mA

Please use a sensor which works definitely in the condition described on left.

### Installation notes

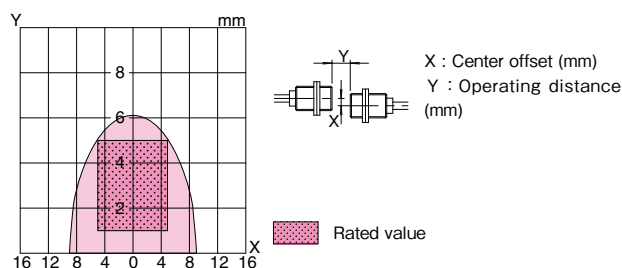
In order to avoid influence of surrounding metal, or to avoid mutual influence between parallel-mounted Transmitters or Output sensors, keep the minimum distances as described below.



Type Code	A(mm)	B(mm)	C(mm)
RPT2-3005D-PU-__	30	20	300
RPE2-3005 □ -PU-__			

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

RPT2-3005D-PU-\_\_ / RPE2-3005 □ -PU-\_\_



Exclusive  
sensor

Terminal box  
Other unit

Wiring

Products for  
maintenance

Special spec.

Alphanumeric  
product list