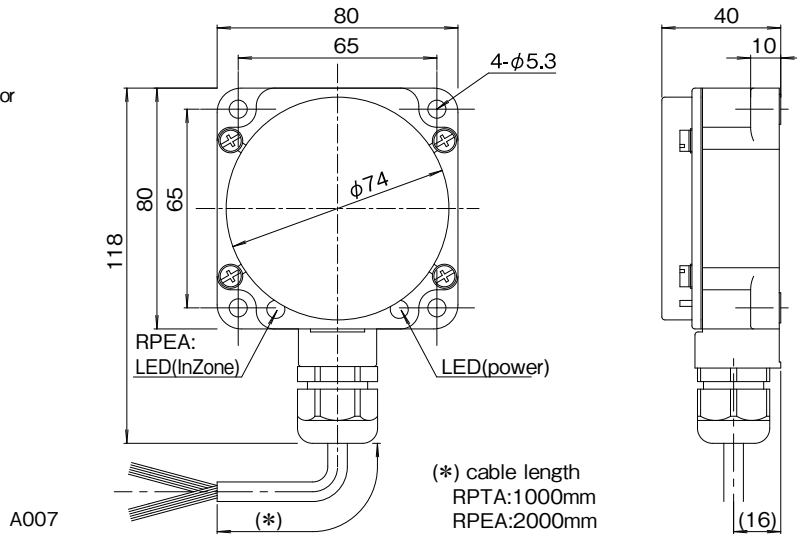


for max. 8 sensors / Size : 80 x 80

Operating distance
2...15mm

Transmitter · Output sensor
shared dimension

LED indicator :
Output sensor (RPEA) only



Wiring C003/P.114

Transmitter	
Type	NPN
Code	PNP
RPTA-8015-PU-01	
Drive voltage	12V ± 1.5V DC
Drive current	max.100mA
No. of input signal	8
Operating distance	2...22mm
Center offset	± 12mm
Drive current	≤ 50mA
Operating temperature	0...+50°C
Protection class	IP67
Cable	PUR / Ø7.9 , 12x0.18mm ²
Material Housing	Nylon
Active face	Nylon
Weight	Body 440g + Cable80 g × 1 m
Remarks	

Output sensor	
Type	NPN
Code	PNP
RPEA-8015N-PU-02	
RPEA-8015P-PU-02	
Operational voltage	24V DC ± 5% (incl. ripple)
Current consumption	≤ 300mA
No. of output signal	8 +1(InZone)
Load current	max.50mA per output
Frequency of operation	30Hz
LED	InZone (Yellow) / Power (Green)
Operating temperature	0...+50°C
Protection class	IP67
Cable	PUR / Ø7.9 , 12x0.18mm ²
Material Housing	Nylon
Active face	Nylon
Weight	Body 440g + Cable80g × 2 m
Remarks	

Applicable sensor

Supply voltage	12V DC
Total current consumption*	≤ 100mA
Residual voltage	≤ 3.5V
Load current	---

*Total current consumption of all connected sensor.

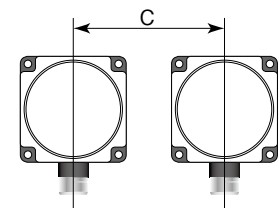
Please use a sensor which works definitely in the condition described on left.

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.

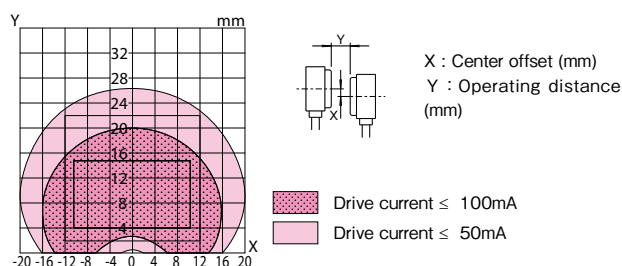
Surrounding metal

Parallel installation



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

RPTA-8015-PU-__ / RPEA-8015 □ -PU-__



Type Code	A(mm)	B(mm)	C(mm)
RPTA-8015-PU-__	20	40	200
RPEA-8015 □ -PU-__			