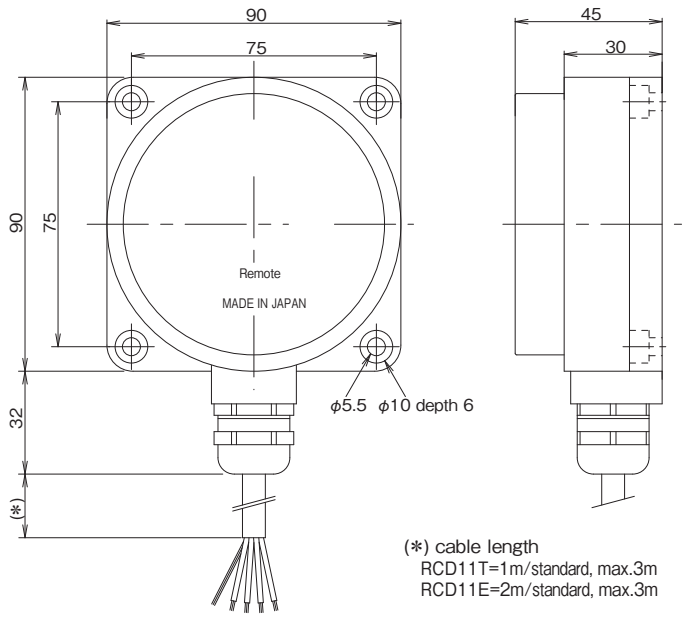
RS-232C / Size : 90 x 90

Operating distance 3...10mm

Remote Base shared dimension



(*) cable length
RCD11T=1m/standard, max.3m
RCD11E=2m/standard, max.3m

A045

Wiring	
+24V	Red
0 V	Black
TXD	White
RXD	Green
GND	Shield

Remote		
Type Code RS-232C	**RCD11T-211-PU-01**	
Drive voltage	24V ± 1.5V DC	
Drive current	≦ 1A	
Operating distance	3...10mm	4...6mm
Center offset	±5mm	±5mm
Drive current	≦ 500mA	≦ 1A
Operating temperature	0...+50℃	
Protection class	IP67	
Cable	PUR / Ø7.6 , 4x0.75mm² with shield	
Material Housing	Aluminum + alumite processing (metal part)	
Material Active face	ABS+PBT (resin part)	
Weight	Body 600 g + Cable90 g × 1 m	
Remark		

Base	
Type Code RS-232C	**RCD11E-211-PU-02**
Supply voltage	24V DC ±5% (including ripple)
Current consumption	≦ 3A
Communication Signal	RS-232C, Full duplex, asynchronous
Communication Speed	4800...38400 bps, without data checking
Communication Delay	≦ 20μsec
Operating temperature	0...+50℃
Protection class	IP67
Cable	PUR / Ø7.6 , 4x0.75mm² with shield
Material Housing	Aluminum + alumite processing (metal part)
Material Active face	ABS+PBT (resin part)
Weight	Body 620 g + Cable90 g × 2 m
Remark	

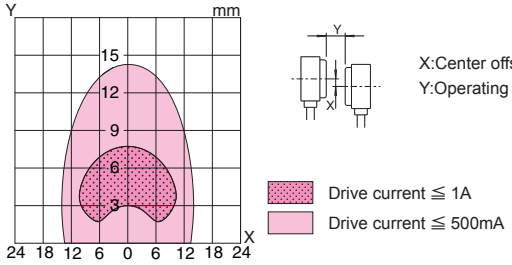
Applicable sensor and actuator

Supply voltage	24V DC
Total current consumption*	≦ 1A
Residual voltage	---
Leakage current	---

*The total of current consumption of all devices connected to Remote must not exceed 2A the drive current.

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

RCD11T-211-PU-_ _ / RCD11E-211-PU-_ _



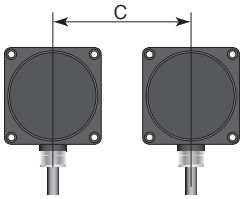
X:Center offset (mm)
Y:Operating distance (mm)

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)
RCD11T-211-PU-_ _	50	45	300
RCD11E-211-PU-_ _			