CC-Link / Size : 97 x 90

Operating distance 3...5mm
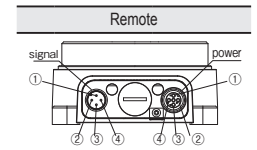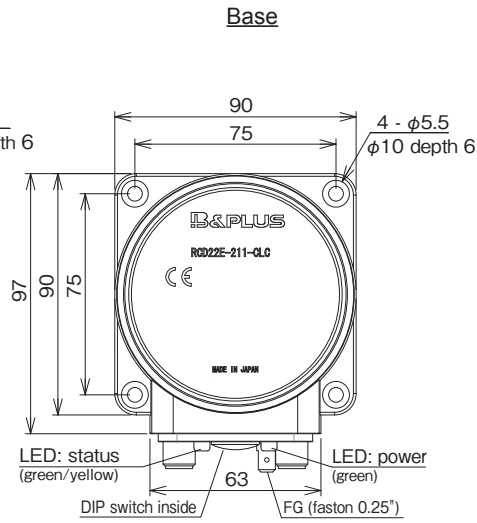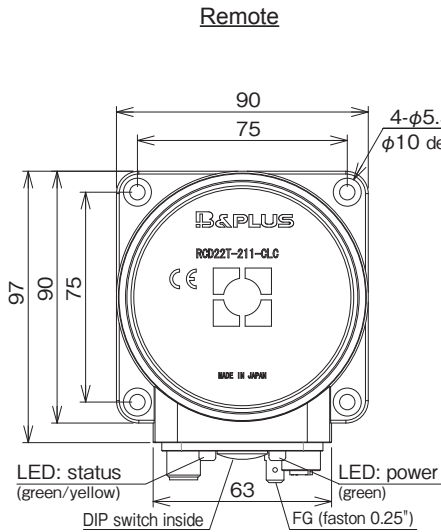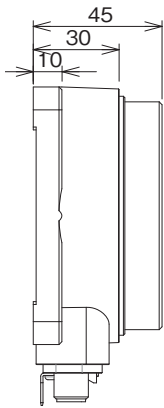
Remote

Base

Remote		
Pin	Signal	Power
1	SLD	+24V
2	DB	unused
3	DG	24G
4	DA	unused

Base		
Pin	Signal	Power
1	SLD	+24V
2	DB	unused
3	DG	24G
4	DA	unused

LED: status (green/yellow)   LED: power (green)
DIP switch inside   FG (faston 0.25")
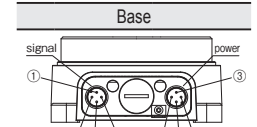
Remote	
Type Code CC-Link	**RCD22T-211-CLC**
Drive voltage	24V ± 1.5V DC
Drive current	≦ 2A
Operating distance	3...5mm
Center offset	±4mm
Operating temperature	0...+50℃
Protection class	IP 67
Connector [1] Signal	M12 / 4-pin male (Option cable :VA-4DSX5CCG4[5m])
Power	M12 / 4-pin female (Option cable :TM-4DBX5HG2-1/3[5m])
Material Housing	Aluminum + alumite processing (metal part)
Active face	ABS+PBT (resin part)
Weight	800g
Included	Ferrite core clamp [2] （Gray x 2・White x 1）

1) For connector cable to be used, please choose from the CC-Link Association recommended products.
2) For CE marking, be sure to attach the ferrite core clamp.

Base	
Type Code CC-Link	**RCD22E-211-CLC**
Supply voltage	24V DC ±5% （including ripple）
Current consumption	≦ 3A
Signal transmission	CC-Link
Speed	156K....10M bps （ set up by DIP switch）
Start-up time	≦ 2 sec.[3]
Operating temperature	0...+50℃
Protection class	IP 67
Connector [1] Signal	M12 / 4-pin male (Option cable :VA-4DSX5CCG4[5m])
Power	M12 / 4-pin male (Option cable :TM-4DSX5HG2-1/3[5m])
Material Housing	Aluminum + alumite processing (metal part)
Active face	ABS+PBT (resin part)
Weight	800g
Included	Ferrite core clamp [2] （Gray x 2・White x 1）

3) It is the start up time of Remote system.
The start up time of CC-Link is varied by the system.

Baudrate

bps	SW1	SW2	SW3
156K	OFF	OFF	OFF
625K	ON	OFF	OFF
2.5M	OFF	ON	OFF
5M	ON	ON	OFF
10M	OFF	OFF	ON

- For this unit, there is no need to set the station type or the number of occupied station. It can be used just setting the baudrate and the built-in terminator by the DIP-switch.
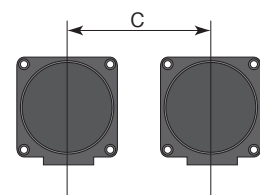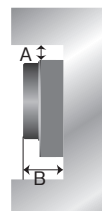
Notes

- It is recommended to install RCD22 in metal in order to reduce the influence of self-heating.
- Be sure to connect "Terminal resister" between DA and DB onh te unit on both ends on CC-Link.Two termination resistors are required for each side, remote sdie and Base side.
- Please prepare your cable and connectors.

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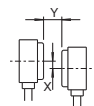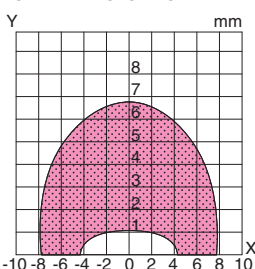
Typical Transmitting Diagram （Supply voltage at 24V / non-flush mount）

RCD22T-211-CLC / RCD22E-211-CLC

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

Drive current ≦ 2A

■ Surrounding metal   ■ Parallel installation

Type Code	A(mm)	B(mm)	C(mm)
RCD22T-211-CLC	50	45	300
RCD22E-211-CLC			