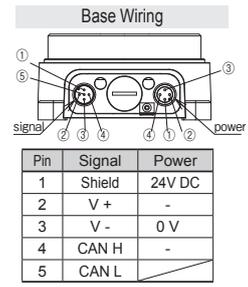
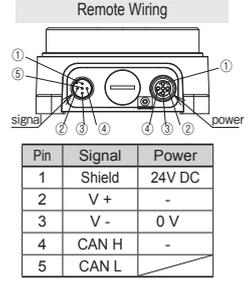
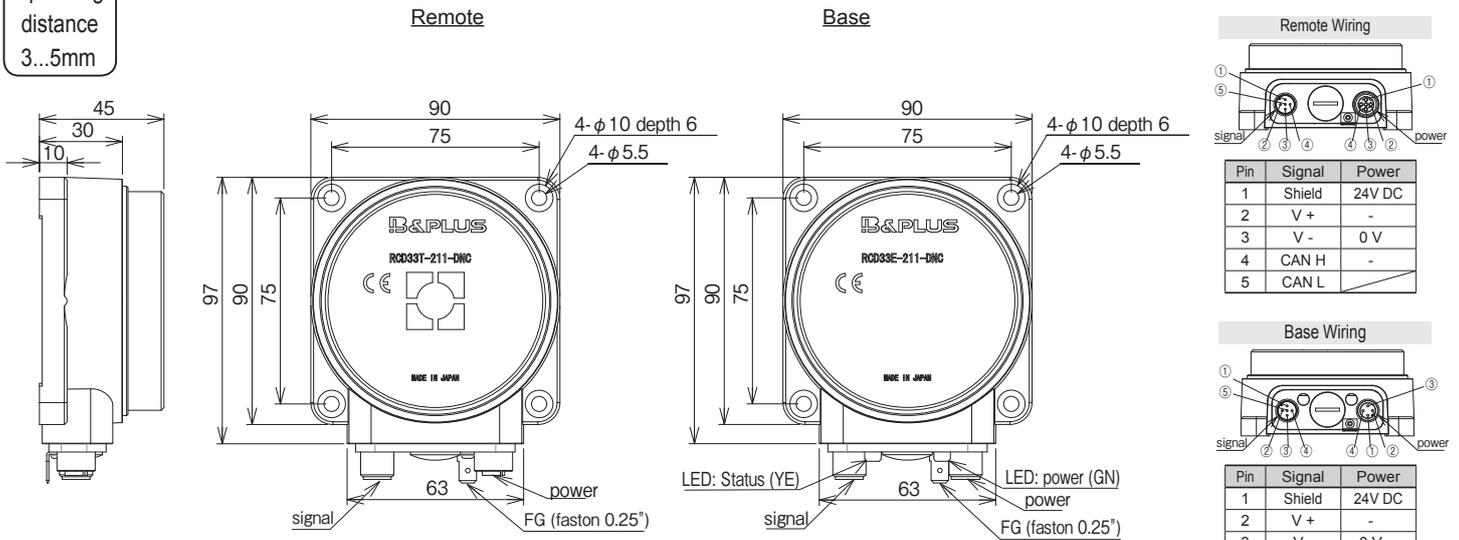


DeviceNet / Size : 97 x 90

Operating distance
3...5mm



Remote	
Type Code DeviceNet	RCD33T-211-DNC
Drive voltage	24V ± 1.5V DC
Drive current	≤ 2A
Operating distance	3...5mm
Center offset	±4mm
Drive current	≤ 2A
Operating temperature	0...+50°C
Protection class	IP 67
Connector 1) Signal	M12 / 5 pin male (Option cable : VA-5DSX5DVG5-BL[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	800 g
Included	Ferrite core clamp 2)

Base	
Type Code DeviceNet	RCD33E-211-DNC
Supply voltage	24V DC ±5% (including ripple)
Current consumption	≤ 3A
Signal transmission Delay	DeviceNet (CAN Bus) ≤ 0.5μsec.
Start-up time	≤ 2 sec. ³⁾
Operating temperature	0...+50°C
Protection class	IP 67
Connector 1) Signal	M12 / 5 pin male (Option cable : VA-5DSX5DVG5-BL[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	800 g
Included	Ferrite core clamp 2)

- 1) Please use the connector cable that conforms to the specification of DeviceNet.
2) For CE marking, be sure to attach the ferrite core clamp.

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

Notes

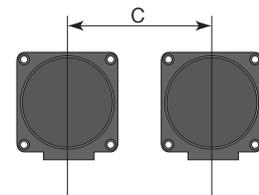
- Communication speed is 125K...500K bps.
- Be sure to connect the terminal resistor on both ends of DeviceNet.
Each two terminal resistors are required on Remote side and Base side.
Termination resistor should be prepared by a user.
- Please prepare your cable and connectors.
- It is recommended to install RCD33 in metal in order to reduce the influence of self-heating.

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)
RCD33T-211-DNC	50	45	300
RCD33E-211-DNC			

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

RCD33T-211-DNC / RCD33E-211-DNC

