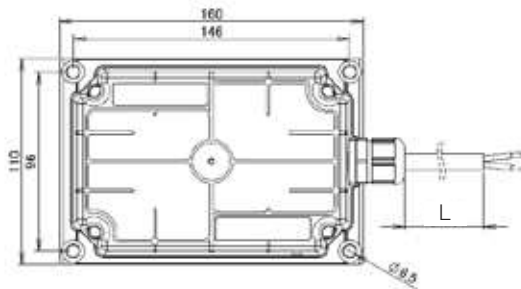
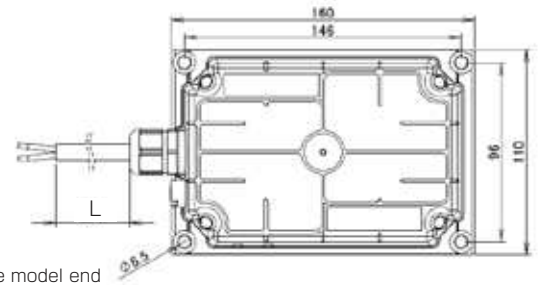
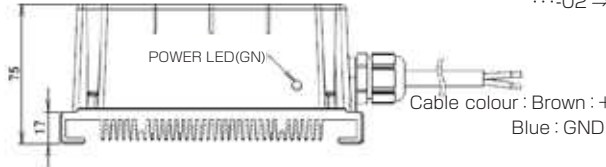


Remote Power supply system 120W Power charging (24V type/ 12V type)

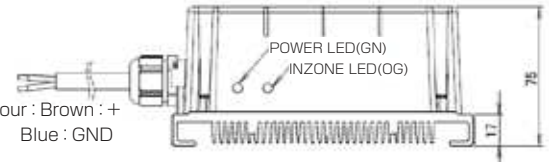
Dimension



L = Cable length
Written in m unit at the model end
...-02 ⇒ 2m



Cable colour : Brown : +
Blue : GND



Remote side 24V type 12V type (for exclusive use of the lead storage battery)	
Type code	RVT-433-404-PU-__, RVT-433-508-PU-__, Charge type Charge type
Operating distance	0...10mm
Center offset	± 4mm
Drive voltage	≤29.0V (It varies depending on battery voltage) ≤14.8V (It varies depending on battery voltage)
Drive current	≤4.3A (It varies depending on battery voltage) ≤8.5A (It varies depending on battery voltage)
LED (indication)	Green: POWER (output)
Common specifications (Remote side)	
Operating temperature	0...+50°C
protection class	IP65
Cable	PUR / φ 8mm / 3x2.5 mm ²
Materi- case	PPS
al heat sink	Aluminum
Weight	Body 1.6kg + Cable 150g/m
Accessories	Ferrite core clamp 2pcs.

Base side	
Type code	RVE-433-2-PU-__
Power supply	24V DC ± 10% (incl. ripple)
Current consumption	≤ 8A
LED (indication)	Green: POWER (Electricity on by lightning) Orange: INZONE
Circuit protection	Reverse connection protection
Operating temperature	0...+50°C
protection class	IP65
Cable	PUR / φ 8.6mm / 3x2.5 mm ²
Materi- case	PPS
al heat sink	Aluminum
Weight	Body 1.6kg+Cable 150g/m
Accessories	Ferrite core clamp 2pcs.

installation condition

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.

Surround Metal

Parallel Setting



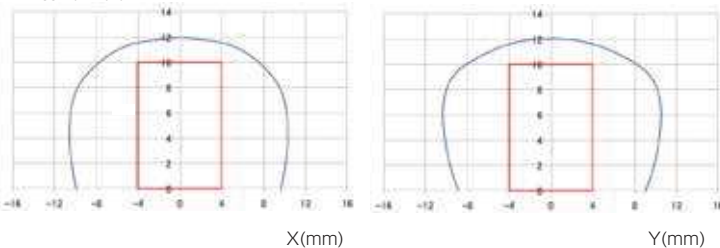
Type code	A(mm)	B(mm)	C(mm)	D(mm)
RVE-433-2-PU_			45mm	
RVT-433-404-PU_	100mm	75mm	300	
RVT-433-508-PU_				

< Note >

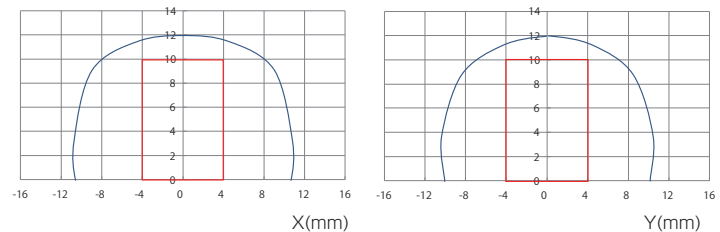
- *To prevent malfunction or failure according to noise, please earth the heatsink to the flame ground.
- *In order to meet the EMC(IEC61000-4-3. Radiated, radio-frequency, electromagnetic field immunity test), please attach the 2pcs. of ferrite core clamps, included in, within 20cm from the body by 2turns (1 winding).
- *To extend the cable length, please use the sufficiently thick cable with taking account in the voltage drop.
- *Please avoid facing the base part with metal continuously. *By heating the metal, damage of inside element can be caused.
- *Please take account in the inrush current to select the power supply.
- *When facing a remote part and a base part a bit away from the transmitting area, the built-in relay in RVT-433 might repeatedly open and close. When both parts remain facing condition, we recommend to use within rated transmitting area to prevent to shorten their life.

Transmitting area diagram

RVT-433-404-PU-01



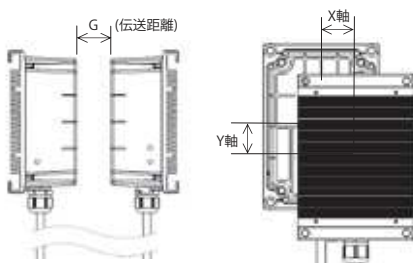
RVT-433-508-PU-01



Blue (ex: Power Supply voltage 21.6V Time/Metal non implantation)
Red: Operating distance

Center off-set and transmitting distance

Please install the base part and remote part within 4mm in their center offset of both X-axis and Y-axis.



Di- rec- tion	Distance
G	≤ 10mm
X	± 4mm
Y	± 4mm