



DRC-004G

Installation Instruction



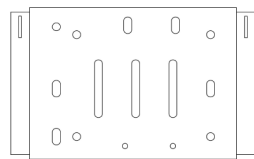
I. Introduction

The DRC-004G is a smart controller for Landis +Gyr meters. The DRC-004G controller can be easily integrated with any Landis +Gyr meter to specifically monitor import or export power flows to better meterize downstream consumers. In addition to this, operators can view power quality data, load information as well as better understand trends in power consumption & losses instantly through remote-control operation through the DRC-004G. The additional insights have helped operators reduce their OPEX costs, execute better preventive maintenance & enhance decision making & resource planning for operators managing distributed energy grid assets.

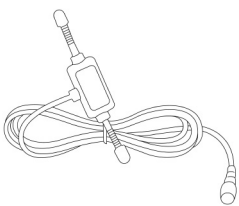
II. Accessory



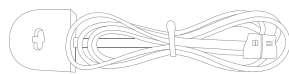
DRC-004G Controller
(1pc)



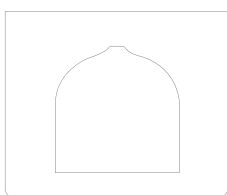
Controller Support
(1pc)



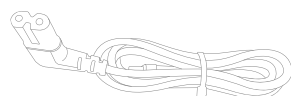
GSM Antenna
(1pc)



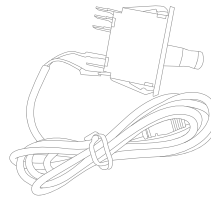
Infrared Sensor (1pc)



Infrared Sensor Shield
(1pc)



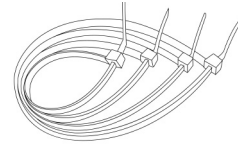
AC Power Cable
(1pc)



Door Sensor (1pc)



Door Sensor Support
(1pc)



Cable Tie
(4pcs)



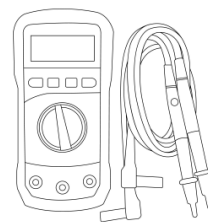
Blind Rivets
(4pcs)



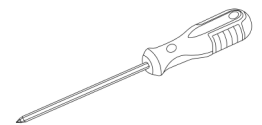
Bugle Head Screw
(2pcs)

III. Installation Procedure

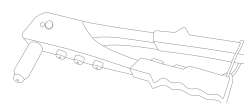
Tools Support



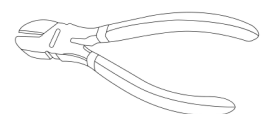
Multimeter



Screwdriver PH2



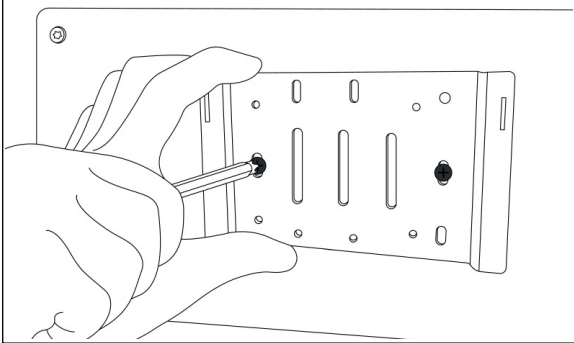
Hand Riveter



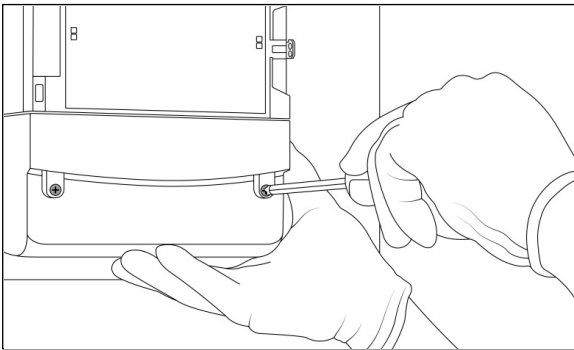
Diagonal Cutting
Pliers

📍 Controller Installation Process

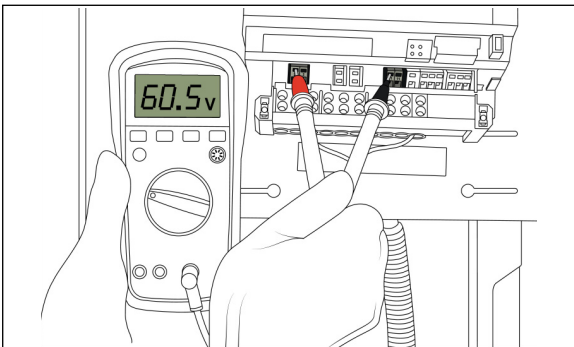
- 01** Mount the controller support into the propriety space in the Meter cabinet.



- 02** Remove meter terminal cover (Casborn).



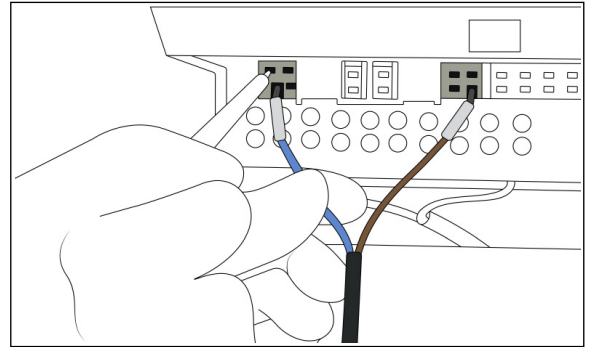
- 03** By AC meter, check the voltage through meter-terminal pin (2) and pin (11).



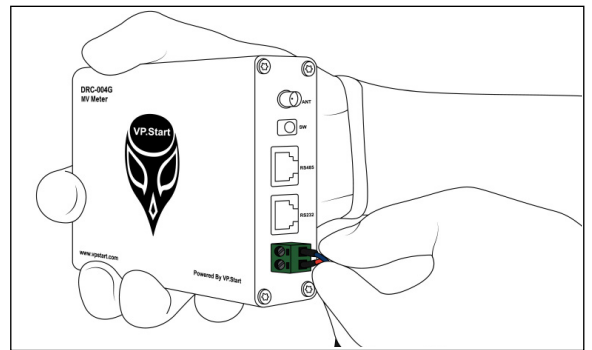
⚠️ NOTE

- 📍 The suitable voltage shall be 60VAC to 220VAC.

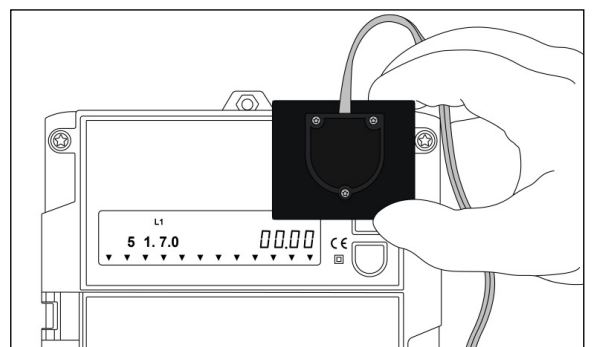
- 04** Connect AC Power Cable to meterterminal pin (2) and pin (11).



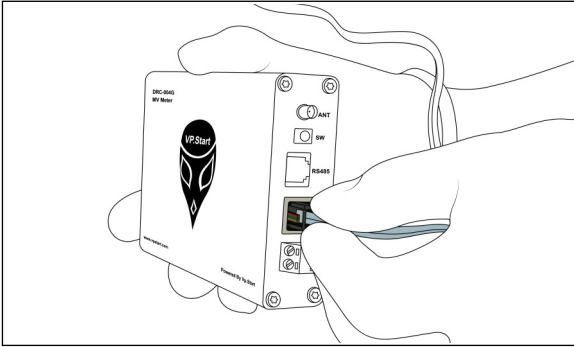
- 05** Connect AC Power Cable to AC INPUT port on DRC-004G.



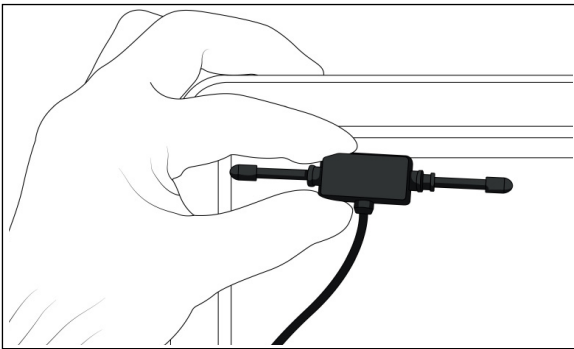
- 06** Mount Infrared Sensor and its shield on Meter.



- 07** Connect Infrared Sensor to Primary port on DRC-004G.



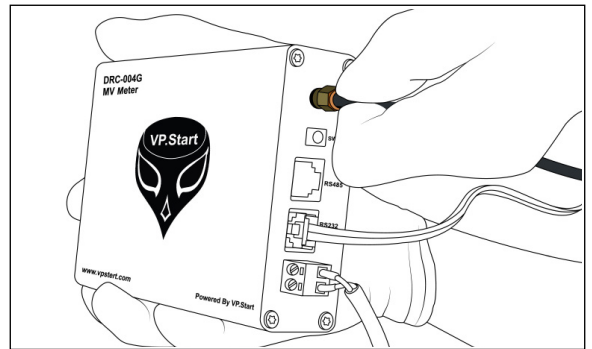
- 08** Install GSM Antenna to the appropriate area on site.



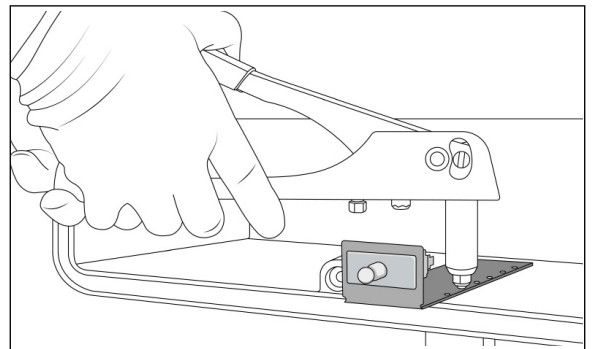
NOTE

- The area that allows the antenna to get better signal strength.

- 09** Connect GSM Antenna to ANT connector on DRC-004G.



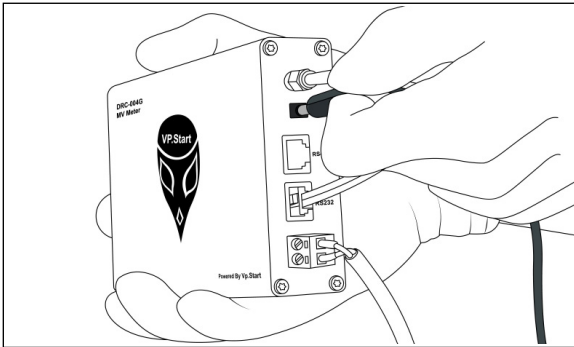
- 10** Mount Door Sensor and its Support at the appropriate area in the Meter Cabinet.



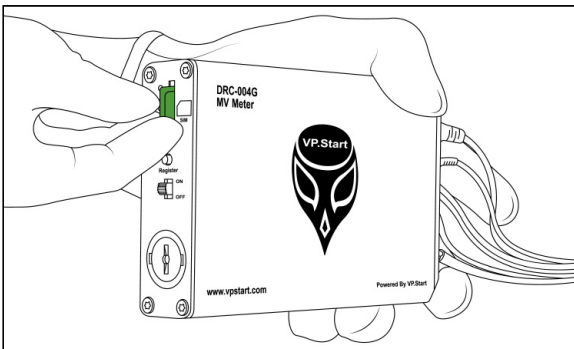
NOTE

- The Door Sensor needs to be properly pushed by the door whenever the door closes.

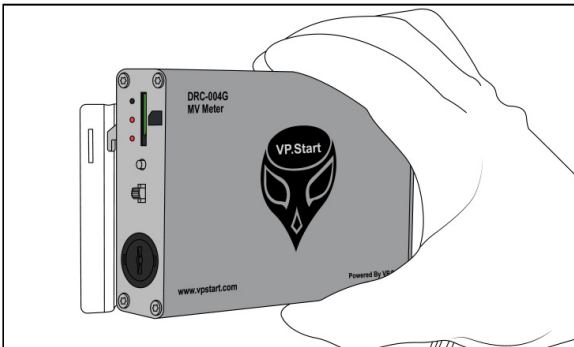
- 11** Connect Door Sensor to SW port on DRC-004G.



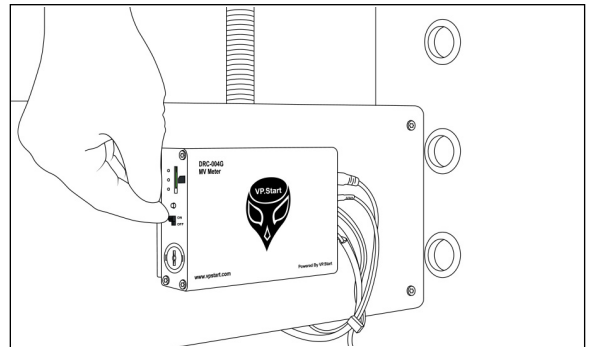
- 12** Insert SIM into SIM Slot on DRC-004G.



- 13** Mount the DRC-004G on the controller support.



- 14** Startup the DRC-004G by Turn ON the switch.



NOTE

- 📍 The DRC-004G is running normally if the running LED is blinking every 1s.
- 📍 The GSM connection is Good if Net LED flashing every 3s.
- 📍 The GSM Module is Okay if GSM LED is ON.

