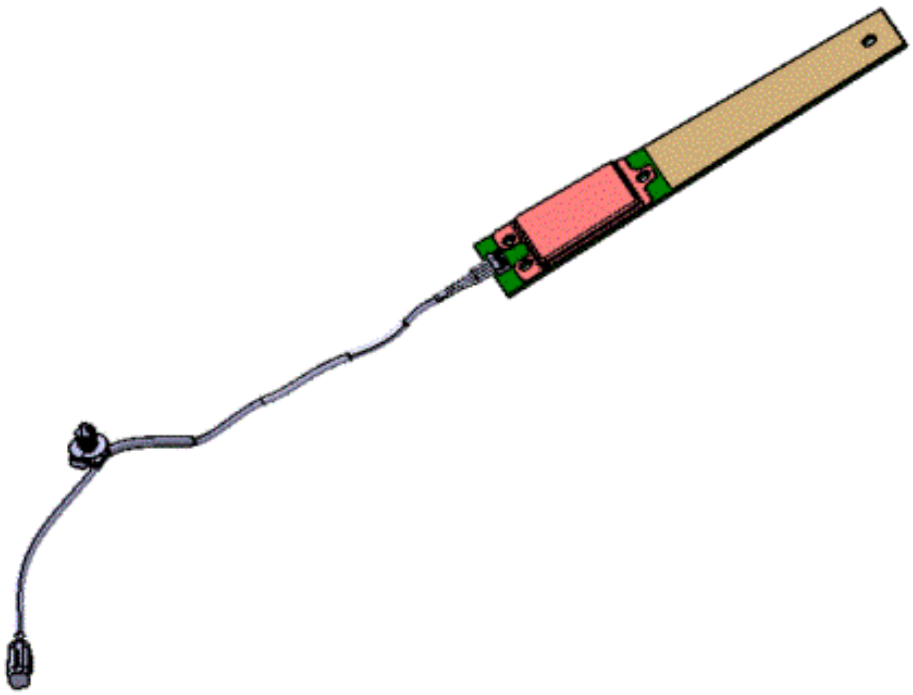
MARQUARDT GR2 Nfc Reader User Manual

Contents

MARQUARDT GR2 Nfc Reader



Product Information

Specifications

- **Operating Voltage:** 9 ~ 16v DC
- **Operating Temperature:** -40 ~ +85 degrees
- **PCB Dimension:** (71+79.4)*145.5/2 mm
- **Frequency:** 13.56MHz

Product Usage Instructions

Functional Description

The GR2 (NFC reader) is a component of a driving authorization system in a car. When the authorized digital key is close to GR2, it sends authorization data to the control unit to execute the access request, such as door lock/unlock. NFC Reader PCB is fixed on the decoration board through four location holes by hot melting plastic pins. The decoration board is then installed at the driver-side window frame in the car. This device is not freely available on the market and is installed only by trained specialized personnel from the car manufacturer.

Safety Instructions

To avoid the risk of fire, please only connect the product to a power supply with an output capability of less than 15W.

Installation Guidelines

Follow manufacturer guidelines for installation to ensure proper functioning and safety of the device. Make sure to maintain a minimum distance of 20cm between the radiator and your body during operation.

FAQ

- Q: Can I install the GR2 device myself?

  A: No, the GR2 device should only be installed by trained specialized personnel from the car manufacturer to ensure proper installation and functionality.

- Q: What is the operating voltage range of the GR2 device?

  A: The operating voltage range of the GR2 device is 9 ~ 16v DC.
- Q: What should be the output capability of the power supply connected to the GR2 device?

  A: The output capability of the power supply connected to the GR2 device should be less than 15W to avoid any risk of fire.

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Functional description

- The GR2 (NFC reader) is a component of the driving authorization system of a car.
- When the authorized digital key is close to GR2, it sends authorization data to the control unit to execute the access request like Door lock/unlock.
- NFC Reader PCB is fixed on the decoration board through four location holes by hot melting plastic pins. The decoration board is then installed at the driver-side window frame in the car.
- This device is not freely available on the market and is installed only by trained specialized personnel from the car manufacturer.
- To avoid the risk of fire, please just connect the product to a power supply of which output capability is less than 15W.

Technical Data

- Operating Voltage: 9 ~ 16v DC
- Operating temperature: – 40 ~ +85 degree
- PCB dimension: (71+79.4)*145.5/2 mm
- Frequency 13.56MHz

FCC Regulations

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used under the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

ISED Notice

1. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
    1. this device may not cause interference, and
    2. this device must accept any interference, including interference that may cause undesired operation of the device.
2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.

Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

Documents / Resources

	MARQUARDT GR2 Nfc Reader [pdf] User Manual GR2 Nfc Reader, GR2, Nfc Reader, Reader

References

- User Manual