

N104.1 RFID reader

System-level description

RFID Reader is a device located in the vicinity of a door. RFID Reader is connected to the Door Module READER RS-485 bus; it has no other connections. RFID Reader is used to control an electric lock by an iLOQ key equipped with an iLOQ RFID tag.

If RFID Reader is equipped with a keypad, it can be used to provide access to the door with a code only.

When installing:

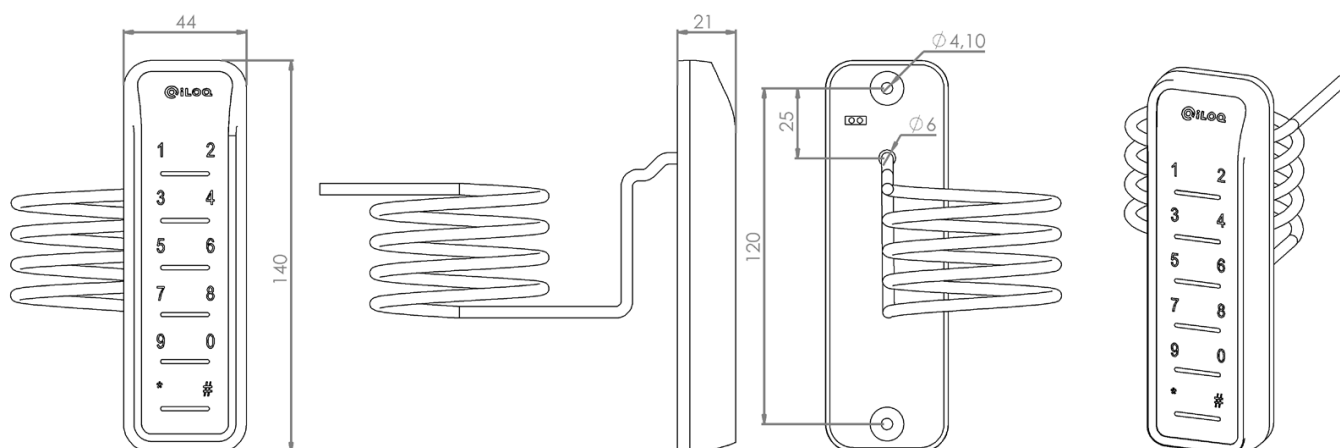
- Reading distance may be shorter if installed on a metal surface or closer than 10 cm from each other
- If installed directly on a metal surface, using an installation plate A10.119 between the door and the reader may improve reading distance
- It is recommended to use a sheet metal plate between the readers if two readers are installed close to each other
- Do not install a reader to the vicinity of strong electromagnetic disturbance sources
- Do not cut the cable shorter than 10 cm
- Extra wires, that are not mentioned in the connection instructions, are left disconnected. However, these wires must not be left in short cut with each other

Feature summary

Connections

B Yellow/Brown
A White/Yellow
DC - Black
DC + Red

Dimensional drawing



Technical data

Bus interface	RS-485
Cables	LIYY 3m
Color	Black
Enclosure material	Plastic
Encryption (from reader to door module)	None
Encryption (from tag to reader)	None
Ingress protection rating	IP67
Installation method	Screws
Keypad	Touch buttons
LED	Three-color LED
NFC	X
Operating frequency	13.5600MEGAHERTZ
Power consumption	1.0000WATT
SRD standard	EN 300 330
Maximum temperature	55°C
Minimum temperature	-40°C
With buzzer	✓

Certificates

Certificates	CE
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