Item no.: 351674
PPEX00000880 - 1-wire RFID reader, 125 kHz

from **30,57 EUR**

Item no.: 351674
shipping weight: 0.10 kg
Manufacturer: Teltonika

📄 Product Description

1-wire RFID reader

One of the implemented features for fleet management devices is 1-Wire data protocol, which can be used to read RFID Tags by emulating them using iButton protocols. It is a convenient way to implement driver authorization in your vehicles if you want to use RFID tags with minimal setup complexity.

1-wire RFID readers are great in these use cases:

- Immobilizer - prevent anyone from starting the vehicle without scanning an RFID tag first.
- Authorized driving - keep track of who is driving your vehicle according to the RFID tag they use to authenticate themselves.
- Auto Geofencing – gives ability to know when car leaves customized areas without RFID authorization.

- Interface: White wire – 1-wire data; Brown – power supply; Green - ground
- Power supply range: 6,5-30 V DC
- Frequency: 125 kHz
- Type of transponder: Manchester, 64 cycles per bit
- Antenna surface area: 6,8 cm2
- Reading range: 4 cm
- Reading frequency: 6 times per second for identification; 2 times per second when transponder is in range of the reader
- Supported 1-wire commands: 0x33 (0x0F) - Read ROM; 0xF0 - Search ROM
- Mounting method: M12 thread
- Cable length: 40 cm
- Operating temperature: From -20ºC to +55ºC
- Regulatory: RoHS certified

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability