



1-Wire RFID Reader

The **1-Wire RFID reader** is a small card-reader for UNIQUE standard 125 kHz frequency cards that enables the identification of the driver.

The RFID reader show who is using the vehicle, at what time, and who is in charge of it. In case any discrepancies arise during the identification process, it is possible to block the vehicle's engine and notify the driver by an audio signal and send the warning to the monitoring and control system.

Applications

- Safety and Security
- Access control
- Local regulations

Key Features

- Driver and passenger identification
- Vehicle immobilization

Compatibility

| | | | |
|---------------|---------------|-------------|----------------|
| ✓ HCV5 | ✓ LCV5 | ✓ Pro5 | ✓ Trace5 |
| ✓ FM-Tco4 HCV | ✓ FM-Tco4 LCV | ✓ FM-Pro4 | ⊘ FM-Plug4 |
| ✓ FM-Eco4 | ✓ FM-Eco4 S | ✓ FM-Eco4 T | ✓ FM-Eco4 RS T |

Detailed specifications

Reader specifications

| | |
|------------------------------------|-------------------------|
| Power supply (external) | +6.5 to 30 V DC |
| Average power consumption | 12 mA |
| Operating temperature range | -20 °C to +55 °C |
| Interface | 1-Wire |
| Frequency | 125 kHz |
| Card type | UNIQUE standard 125 kHz |
| Maximum reading range | 4 cm |

Cable pinout

| Wire colors | Description |
|-------------|------------------|
| Yellow | Power supply |
| Grey | Ground |
| White | 1-Wire data |
| Brown | Red LED ground |
| Green | Green LED ground |

Physical properties

| | |
|-------------------|--------------------------------|
| Dimensions | Width: 7 mm Radius: 15.5 mm |
| Material | Plastic |

Ordering information

| | |
|-----------------|----------------------------|
| 1W-H3-05 | 1-Wire RFID Reader 125 kHz |
|-----------------|----------------------------|

Contact information:

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