

RFID reader

1-WIRE WIRELESS AUTHENTICATION READER

The easy solution for implementing driver authentication using RFID. Read is able to receive identification data wirelessly from passive transponders (cards, tags, etc.).

COMPATABILITY

Reads RFID devices and emulates signal as iButton for easy compatibility.

125 KHZ STANDARD

Supports the Unique 125 kHz RFID device standard



Technical data

Interface	White wire – 1-wire data, Brown wire – 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 cm ²
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 -20 °C to +55 °C
Regulatory	RoHS certified

