

# PLA-MDL RFID reader

**PLA-MDL** is contactless RFID card and transponders reader from **MIFARE®** Classic family, operating on frequency of **13,56MHz**. Reader have **1-Wire®** (Dallas DS1990 emulation) interface with a 1m long cable terminated with a male 2x3-pin type Molex® MicroFit3™ plug. Reader has a built-in antenna, buzzer and and two LED indicators.



## Main features

- Supports MIFARE® Classic RFID transponders operating at 13,56MHz
- 1-Wire® interface (Maxim / Dallas DS1990 emulation)
- Wide range of input voltage
- Built-in antenna, buzzer, two LED indicators and bootloader
- Full data and UID read
- Low power consumption
- Compact, flat housing
- Protection against faulty connection

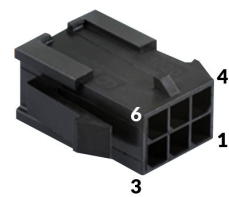
## Technical parameters

- Supply voltage: 7-32V
- Operating Frequency: 13,56MHz
- Average current consumption: up to 10mA
- Interface: 1-Wire® (3,3V - 5V)
- Reading range: up to 6cm (depending on the transponder)
- Operating temperature: -20°C to +65°C
- External Dimensions: 54 x 85 x 7 (mm)
- Cable length: 1 meter
- Connector: male 2x3-pin Molex® MicroFit3™

## Use in applications

- RFID with 1-Wire® interface
- Proximity Identification
- Access control
- GPS tracking
- Vehicle/asset location
- Identification of drivers/users

## Molex connector outputs



Male 2x3-pin Molex® MicroFit3™

1. 7-32V supply voltage
2. Green LED control
3. Buzzer control
4. 1-Wire® line
5. Red LED control
6. Ground



Made in Poland

