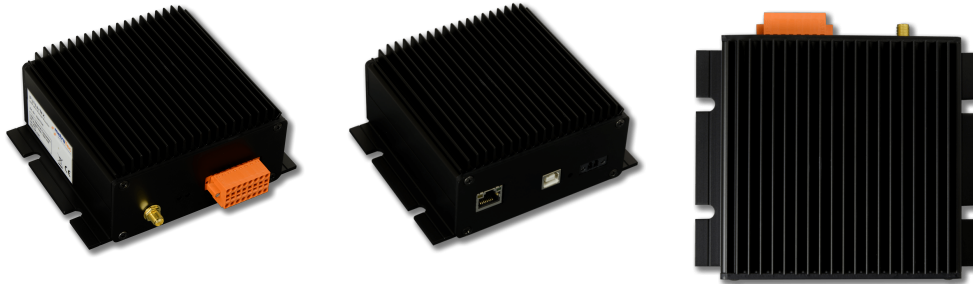


PulsarMX UHF Mid-Range Reader

Art. no.:
22001116



- Best Cost/Performance
- Compact Housing
- 24V I/Os

PulsarMX UHF Mid-Range Reader

The PulsarMX is a UHF Mid Range Reader for applications with a medium read range between 1 and 3 m and up to 150 transponders simultaneously in the field. Its main applications are in container tracking, reading data from sensor tags (e.g. temperature sensors), and on a conveyor belt. Due to its low cost, the device opens new possibilities for applications that were not feasible before.

With its compact dimensions of only 130 x 106 x 55 mm and almost no heat build-up, the reader can be integrated into closed cabinets and other machinery. The device communicates using USB or Ethernet. With the optically isolated Inputs and 24V DC outputs, you can directly connect light barriers, LED lights, and other equipment to the reader.

For easy and fast testing of the product, there is a free Windows Demo Software to test all features of the device. If you need to integrate the reader into your own software, there is also a Java SDK, a .NET Library, and a Python lib for accessing the device on all operating systems.

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PulsarMX UHF Mid-Range Reader

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Technical Specification

| | |
|---------------------|--|
| Operating Principle | Mid-Range UHF RFID Reader/Writer |
| Operating Frequency | 868 MHz (ETSI, EU) and 915-928 MHz (FCC, USA) |
| Supported Protocols | EPC Class 1 Gen 2 / UHF RFID |
| Output Power | max. 500 mW (27 dBm) |
| Read Range | up to 3 m |
| Antenna Connector | SMA, 50 Ohm |
| Operating Voltage | 24V DC ($\pm 10\%$) |
| Power Consumption | up to 270 mA |
| Connectivity | Ethernet, USB (Type B) |
| Inputs/Outputs | 4 24V outputs, 2 optically isolated inputs |
| Temperature Range | -20 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$ |
| Dimensions | 130 x 106 x 55 mm |
| Certifications | conforms with CE, e.g. ETSI 302 208 |

About Metratec

Metratec develops, produces and sells Radio electronics for the areas of "Identification", "Localization", and "Communication" and thus serves a variety of markets with standard products as well special solutions. Customers include OEM customers, system integrators and research facilities worldwide.

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