

QuasarMX HF Short-Range RFID Reader

Art. no.:
22000036



- High Reading-/Writing Speed
- Ethernet-Interface
- ISO15693 compatible

QuasarMX HF Short-Range RFID Reader

The QuasarMX is an HF RFID reader/writer for demanding industrial applications, where high reading reliability, speed, and extensive special tag features are needed. Highlights include a reading rate of up to 100 tag IDs/sec and reading and writing data on tags without needing to address them individually. This allows applications directly at conveyor belts, in production machinery, and in electric control cabinets. To facilitate its integration into machines and to allow ease of control via PLCs the device offers optically isolated 24 V IOs.

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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Technical Specification

Operating Principle	Industrial HF RFID Reader/Writer
Operating Frequency	13.56 MHz (worldwide)
Supported Protocols	ISO15693
Output Power	max. 250 mW (24 dBm)
Read Range	up to 25 cm (with MaxiPCB Antenna)
Antenna Connector	BNC, 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 45 mm
Certifications	conforms with CE, e.g. ETSI 300 330

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.

