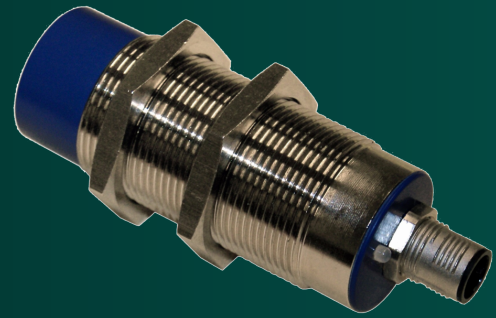


HF | NFC - Cylindrical Reader **Kronotech - M30**

- Support 13.56MHz
- Designed for 22mm mounting concept
- Integration into panel PC
- USB Type - A
- IP67 protection



HF | NFC - Cylindrical Reader Reliable Automation Unit

The Industrial HF RFID Cylindrical Reader is a compact, high-performance read/write device designed for demanding industrial environments. Operating in the HF band at 13.56 MHz, it supports a wide range of standard transponders, including ISO 14443 A/B and ISO 15693, ensuring maximum compatibility across applications.

With its integrated antenna, configurable RF power, and support for RS232 or RS485 communication, the reader provides seamless integration into PLC- and PC-based systems. The rugged stainless steel and PC housing with IP65 protection guarantees reliable operation even under harsh environmental conditions.

Firmware upgrade capability, intuitive configuration via dedicated software, and a bicolor status LED simplify commissioning, diagnostics, and maintenance. Thanks to its cylindrical form factor and flexible connection options, the reader is ideally suited for access control, industrial automation, logistics, parking systems, and payment applications.

Certified according to current EMC, radio, and safety standards, this reader combines industrial robustness with advanced RFID performance for long-term, maintenance-efficient operation.

Common Applications

- Access Control Systems
- Parking and Gate Automation
- Industrial Automation
- Logistics and Material Tracking
- Tool and Asset Identification



TECHNICAL SPECIFICATIONS

Electrical Features

Supported Transponder	ISO 1144433A+Mifare fam. ISO15693, ISO144463B
Power Supply	24Vdc +/- 10%
Power Ratings	N/A
Operating Frequency	13.56 MHz
RF Output Power	Max 500mW (27dBm), 1dB step software programmable
Antenna	Integrated
Reading Distance	Up to 8 cm
Communication Interface	RS232, RS485
Signaling	1 bicolor LED
Connections	V1 : M12 without cable V2 cable length 1.5 mt open ends

Mechanical Features

Dimensions	D30 x 78 mm
Material	Stainless steel / PC
Protection Class	IP65

Environmental Conditions

Operating Temperature	-20°C ÷ +65°C
Storage Temperature	-40°C ÷ +85°C
Humidity	Up to 95%

Applicable Standards

EMC	EN 301 489-3
Radio Regulation	EN 302 208-2
Safety	CEI EN 60950-1 CEI EN 50364

Versions

RS232 or RS485
