

LF Industrial Reader Cylindrical Reader M30 Gen2



Applications

- Industrial Automation
- Supply Chain

Features

- 125 kHz Read-Only + Read/Write
- Integrated Antenna
- RS232 or RS485 Interface
- M12 Connector (Item V1) or Cable 2.0 m (Item V2)
- Ruggedized Product Design
- Common SDK for all BLUEBOX Products
- CE approved

Description

The BLUEBOX LF - Reader M30 is a read/write device with integrated antenna which can be easily installed into M30 windings. This powerful device can achieve a reading distance of up to 6 cm. The BLUEBOX LF - Reader Cylindrical M30 is an easy to use LF RFID Reader with RS232 or RS485 interface. The up-to-date BLUEBOX SDK enables an easy start for ambitious developers.

Technical Data

Electrical Specifications	
Power Supply	+24 VDC \pm 10 %
Operating Frequency	125 kHz \pm 2kHz
Operating Distance	up to 6 cm
Connectors	1x 4-pole M12 A-coded Male Connector
Interfaces	RS232/RS485

Mechanical Specifications	
Housing-Material	Stainless Steel, PC
Dimensions	M30 \times 1,5 \times 78 mm
Weight	approx. 200 g
Protection Class	IP 67

Environmental Conditions	
Operating Temperature	-20 °C to +55 °C
Humidity	5 % to 95 %

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

SDK Information	
Supported OS	Windows 7, 8
Supported Languages	C#, C++, serial command protocol

Supported Standards / Tags
Supports EM410x (UNIQUE), EM4x50 (TITAN), EM4305, T5557, NXP Hitag S, Q5

*Reading distance depends on tag, antenna and environmental conditions

Order Codes

Version	Order Code
RS232 (M12 Connector)	R-IN-LF-5224L
RS485 (M12 Connector)	R-IN-LF-5225L
RS232 (2 m Cable)	R-IN-LF-5227L
RS485 (2 m Cable)	R-IN-LF-5228L

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