MAGNUM

RFID Reader Industry
Stationary

PART ID:
4022

The MAGNUM 4022 125 kHz / 134 kHz RFID Long Range Reader supports the reading of 64 bit Read Only EM4200 125 kHz and 134 kHz ISO Animal FDX-B Read Only TAGs. System integrators use the LF RFID Reader for Industrial applications in logistics where read ranges of about 600 mm with one single external antenna are needed. The MAGNUM 4022 is the right choice to increase the read range or to identify TAGs at different control points. 2 independent working LF Long Range antennas could be connected.



Main Specifications

Frequencies	**LF** HF UHF
Material	ABS
Operating Temperature	-20°C to 65°C
IP Class	IP65
Compliance	RoHs & Reach, CE
Key Features	2 Antenna Support, Antenna Autotune, Command Interpreter, Automatic Read Mode
Options	Clamp Connection, M12 Connection

Full Specifications

Product ID	4022
Name	MAGNUM
Material	ABS
Shape	Long Range
Long Description	The MAGNUM 4022 125 kHz / 134 kHz RFID Long Range Reader supports the reading of 64 bit Read Only EM4200 125 kHz and 134 kHz ISO Animal FDX-B Read Only TAGs. System integrators use the LF RFID Reader for Industrial applications in logistics where read ranges of about 600 mm with one single external antenna are needed. The MAGNUM 4022 is the right choice to increase the read range or to identify TAGs at different control points. 2 independent working LF Long Range antennas could be connected.
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Where application information is given, it is only advisory and does not form part of the specification.

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Article Type	Stationary
Color	Grey
Length [mm]	260
Width [mm]	230
Thickness [mm]	90
Weight [g]	1700
IP Class	IP65
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	UL 94 V0
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read
Typical Reading Range	600mm
Supported Standards / Tags	EM4200, FDX-B
Operating Temp °C (min)	-20
Operating Temp °C (max)	65
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	12V DC
Operating Frequency	LF
Frequency Range	125 - 134 kHz
Current Consumption	700mA
Interfaces Physical	RS232/RS485
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	2
Antenna ext.	2
GPIO	5
Number of Input	2
Number of Output	3
Number of Relais	3
Connection	Terminal Clamps
Status [Display,LED]	4 LED
Firmware Update User	yes
Development Tools	API/Demo

VARIANTS

ID	Variant
4022-01-000-00	LF Read Only

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