MAGNUM

RFID Reader Industry
Stationary

PART ID:
4020

The MAGNUM 4020 LF Midrange RFID Reader with 1 Antenna Output was developed to connect 1 external antenna from the SIRIUS Series and is used by system integrators in applications like animal identification. System integrators supporting the waste management industry integrate the RFID reader in their systems on waste trucks together with the comb- tooth and area antennas to identify waste bins.



Main Specifications

Frequencies	**LF** HF UHF
Material	Aluminium
Operating Temperature	-20°C to 65°C
IP Class	IP65
Compliance	RoHs & Reach, CE
Key Features	ASK/FSK Modulation, Command Interpreter, Antenna Tuning Onboard

Full Specifications

Product ID	4020
Name	MAGNUM
Material	Aluminium
Shape	Mid Range
Long Description	The MAGNUM 4020 LF Midrange RFID Reader with 1 Antenna Output was developed to connect 1 external antenna from the SIRIUS Series and is used by system integrators in applications like animal identification. System integrators supporting the waste management industry integrate the RFID reader in their systems on waste trucks together with the comb- tooth and area antennas to identify waste bins.
Key Features	ASK/FSK Modulation, Command Interpreter, Antenna Tuning Onboard
Article Type	Stationary
Color	Grey
Length [mm]	155
Width [mm]	125
Thickness [mm]	80

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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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Weight [g]	600
IP Class	IP65
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read
Typical Reading Range	300-500mm
Supported Standards / Tags	EM4200, FDX-B, HDX
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	230mA
Interfaces Physical	RS232/RS485/TTL
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	1
Antenna ext.	1
GPIO	4
Number of Input	2
Number of Output	2
Status [Display,LED]	3 LED
Firmware Update User	yes
Development Tools	API

VARIANTS

ID	Variant
4020-01-000-00	LF Read Only

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