MAGNUM

RFID Reader Industry
Stationary

PART ID:
4019

The MAGNUM 4019 Industrial-Reader with RS232 Interface is used by system integrators and endusers in the factory and process automation application to identify industrial parts and devices by most LF RFID TAGS. The reader device is integrated into a M30 thread housing for easy mounting



Main Specifications

Frequencies	**LF** HF UHF
Material	POM
Operating Temperature	-20°C to 65°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Rough Environment, M30 Housing, Standard Plug M12
Options	RS485, USB

Full Specifications

Product ID	4019
Name	MAGNUM
Material	POM
Shape	Short Range
Long Description	The MAGNUM 4019 Industrial-Reader with RS232 Interface is used by system integrators and endusers in the factory and process automation application to identify industrial parts and devices by most LF RFID TAGS. The reader device is integrated into a M30 thread housing for easy mounting
Key Features	Rough Environment, M30 Housing, Standard Plug M12
Options	RS485, USB
Article Type	Stationary
Color	Black
Length [mm]	100
Width [mm]	30
Thickness [mm]	30
Weight [g]	120
IP Class	IP68

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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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PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read&Write
Typical Reading Range	80-100mm
Supported Standards / Tags	EM410x, FDX-B, HDX, Hitag1/2/S, 5577, EM4305,EM4450
Operating Temp °C (min)	-20
Operating Temp °C (max)	65
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	5V DC
Battery Type	None
Battery Capacity	None
Operating Frequency	LF
Frequency Range	125 - 134 kHz
Current Consumption	100mA
Interfaces Physical	RS232/RS485/USB
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	1
Antenna int.	1
Connection	Plug M12 / 3m open wire
Firmware Update User	yes
Development Tools	API

VARIANTS

ID	Variant
4019-01-000-00	LF Read/Write M30

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