

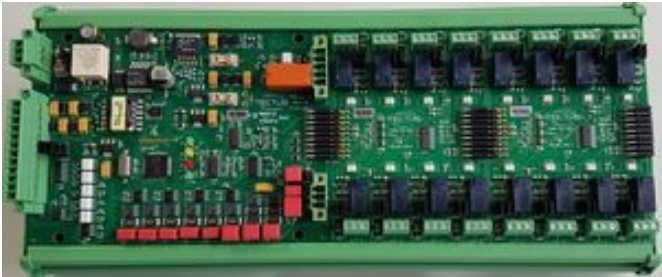
MAGNUM
RFID Reader Industry
Stationary

PART ID:
4048

The MAGNUM 4048 LF RFID Reader with multiplexer antenna support was developed to connect up to "x" external antenna from the SIRIUS Series and is used by system integrators in applications with multiple reading points.

Main Specifications

Frequencies	LF HF UHF
Material	FR4
Operating Temperature	-20°C to 65°C
IP Class	IP20
Compliance	RoHs & Reach, CE
Key Features	ASK/FSK Modulation, Antenna Tuning Onboard, Cascadable with x Multiplexer, 125/134 kHz



Full Specifications

Product ID	4048
Name	MAGNUM
Material	FR4
Shape	Long Range
Long Description	The MAGNUM 4048 LF RFID Reader with multiplexer antenna support was developed to connect up to "x" external antenna from the SIRIUS Series and is used by system integrators in applications with multiple reading points.
Key Features	ASK/FSK Modulation, Antenna Tuning Onboard, Cascadable with x Multiplexer, 125/134 kHz
Comments	Dimensions variable in refernce to the used multiplexer
Main Use	Industrial
Article Type	Stationary
Length [mm]	205
Width [mm]	125
Thickness [mm]	55
Weight [g]	300
IP Class	IP20
PCB Material	FR4

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

Chemical Resistance	Not Specified
Flame Resistance	
Mechanical Resistance	IK 06
Compliance	RoHs & Reach, CE
Read / Read Write	Read
Typical Reading Range	600mm
Supported Standards / Tags	EM4200/HitagS/FDX-B
Operating Temp °C (min)	-20
Operating Temp °C (max)	65
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	24V
Operating Frequency	LF
Frequency Range	125 -134 kHz
Current Consumption	500mA
Interfaces Physical	RS232/RS485
Interfaces Protocol	ASCII
Transfer rate [Baud]	19200
Antenna Ports	8
Antenna ext.	24
GPIO	2
Number of Input	1
Number of Output	1
Number of Relais	1
Connection	Terminal Clamps
Status [Display,LED]	4
Development Tools	API/Terminal
Mounting Method	DIN Rail

VARIANTS

ID	Variant
4048-01-000-00	LF R/O, 1xMUX
4048-02-000-00	LF R/O, 2xMUX
4048-03-000-00	LF R/O, 3xMUX