MAGNUM

RFID Reader ATEX Zone 2
Stationary

PART ID:
4607

UHF / IoT Long Range Reader

Main Specifications

Frequencies	LF HF **UHF**
Material	Stainless Steel
Operating Temperature	-20°C to 55°C
IP Class	IP67
Compliance	RoHs & REACH, FCC, CE
Key Features	Industrial automation, ATEX Zone 2/22, Reading Distance up to 10m, 1 Digital Input, 1 Digital Output, Multiple Interfaces



Full Specifications

Product ID	4607
Name	MAGNUM
Atex	yes
Material	Stainless Steel
Shape	UHF
Short Description	UHF / IoT Long Range Reader
Long Description	With its impressive reading performance, the powerful UHF long range reader will cover the most challenging requirements for wireless identification and traceability. The TECTUS UHF long range reader transmits up to 33dBm and is capable to read up to 700 tags/sec. The reader is the perfect tool for applications such as product management, vehicle management or race timing, requiring multiple antennas. The EX certified version is applicable in industrial as well as hazardous environments of Zone 2/22. The TECTUS UHF reader can be integrated directly into your IoT environment according to your individual needs.
Key Features	Industrial automation, ATEX Zone 2/22, Reading Distance up to 10m, 1 Digital Input, 1 Digital Output, Multiple Interfaces
Article Type	Stationary
Color	Silver

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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.

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Length [mm]	200
Width [mm]	200
Thickness [mm]	95
Weight [g]	2750
Anticollision	yes
IP Class	IP67
PCB Material	Stainless Steel
Chemical Resistance	Not Specified
Flame Resistance	
Mechanical Resistance	IEC 68.2.27/ IEC 68.2.6
Compliance	RoHs & REACH, FCC, CE
Read / Read Write	Read&Write
Typical Reading Range	~ 10m
Supported Standards / Tags	EPC global UHF Class 1 Gen 2 / ISO 18000-6C/ISO 18000-6B
Operating Temp °C (min)	-20
Operating Temp °C (max)	55
Storage Temp °C (min)	-20
Storage Temp °C (max)	85
Power Supply	9V - 36V AC/DC
Operating Frequency	UHF
Frequency Range	865 - 868 MHz
Interfaces Physical	Ethernet, PoE, RS485, RS232
Interfaces Protocol	HTTP, HTTPS, JASON Format
Transfer rate [Baud]	115200
Antenna Ports	4
Antenna ext.	4
GPIO	2
Number of Input	1
Number of Output	1
Connection	Terminal Clamps
Mounting Method	Wall Mounting

VARIANTS

ID	Variant
4607-01-000-00	Ethernet

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