

Transponder ATEX Special Form

PART ID:

3004-01-113-00

The ATEX Zone 1 / 21 certified 34 mm TEC PU RFID TAG is already mounted on the metal plate. The standard version is the LF 125 kHz version. Other versions with ON METAL HF 13,56 MHz, or as NFC and with ON METAL UHF are available. the 2 mounting holes fit perfectly to the standard mounting set of lightning protection systems. As well this RFID on metal product can be mounted by steel wire or screws to identify equipment or machine parts in rugged industrial environment and hazardous area. Suitable portable ATEX certified LF, HF RFID or UHF RFID readers you can find in our product portfolio



Main Specifications

Material	PU		
Operating Temperature	-45°C to 60°C		
IP Class	IP67		
Compliance	RoHs & Reach, CE		
Key Features	Rough Environment, ON-Metal Use, Heat Tolerant, High Durability		

Chip Specification (Chip 113)

Chip	NXP - HITAG S 2048
Frequency	125 kHz (LF)
Memory	UID 4 Byte; User 2048 Bit
Norm	ISO/IEC 11784 & 11785 & 14223

Full Specifications

Product ID	3004
Atex	yes
On Metal Use	yes
Material	PU
Shape	Potted
Long Description	The ATEX Zone 1 / 21 certified 34 mm TEC PU RFID TAG is already mounted on the metal plate. The standard version is the LF 125 kHz version. Other versions with ON METAL HF 13,56 MHz, or as NFC and with ON METAL UHF are available. the 2 mounting holes fit perfectly to the standard mounting set of lightning protection systems. As well this RFID on metal product can be mounted by steel wire or screws

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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



	to identify equipment or machine parts in rugged industrial environment and hazardous area. Suitable				
	portable ATEX certified LF, HF RFID or UHF RFID readers you can find in our product portfolio				
Key Features	Rough Environment, ON-Metal Use, Heat Tolerant, High Durability				
Comments	Hole 6mm				
Article Type	Special Form				
Color	Blue				
Diameter [mm]	34				
Length [mm]	97				
Width [mm]	36				
Thickness [mm]	10				
Weight [g]	27				
Hole	yes				
Operating Temp °C (min)	-45				
Operating Temp °C (max)	60				
Storage Temp °C (min)	-40				
Storage Temp °C (max)	60				
IP Class	IP67				
Chemical Resistance	Not Specified				
Flame Resistance	Not Specified				
Mechanical Resistance	Not Specified				
Attachment Method	Screw/Rivet				
Compliance	RoHs & Reach, CE				

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3004-01-152-00	Blue On Aluminium	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3004-01-113-00	Blue On Aluminium	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223

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Where application information is given, it is only advisory and does not form part of the specification.