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



ECTUS

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 o lightning protection systems. As well this RFID on metal product can be mounted by steel wire or screws

e 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.

	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			

TECTUS

VARIANTS AND ICS

ID	Variant	Band	Туре	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

* 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.