

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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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