

Transponder ATEX

Special Form

PART ID:

3004-01-152-00

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 152)

| | |
|-----------|-----------------------------|
| Chip | EM Marin - EM4200/Unique |
| Frequency | 125 kHz (LF) |
| Memory | UID 64 Bit; Read only |
| Norm | ISO/IEC 11784/85 Compatible |

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 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 |