

Transponder ATEX

Button/Round TAG

PART ID:
3015-01-103-00

ATEX Zone 1 / 21 certified 54 mm TEC PU ON METAL RFID TAG
LF, HF

Main Specifications

| | |
|-----------------------|---|
| Material | PU |
| Operating Temperature | -45°C to 60°C |
| IP Class | IP68 |
| Compliance | RoHs & Reach, CE |
| Key Features | ON-Metal Use, Rough Environment, Heat Tolerant, High Durability |
| Options | Offset Print |



Chip Specification (Chip 103)

| | |
|-----------|-----------------------------|
| Chip | EM Marin - EM 4550 |
| Frequency | 125 kHz (LF) |
| Memory | UID 64 Bit; User 1K Bit |
| Norm | ISO/IEC 11784/85 Compatible |

Full Specifications

| | |
|-------------------|--|
| Product ID | 3015 |
| Atex | yes |
| On Metal Use | yes |
| Material | PU |
| Shape | Potted |
| Short Description | ATEX Zone 1 / 21 certified 54 mm TEC PU ON METAL RFID TAG LF, HF |
| Long Description | The ATEX Zone 1 / 21 certified 54 mm TEC PU ON METAL RFID TAG is available as 125 kHz /134 kHz and HF 13,56 MHz version. By using the centre mounting hole the transponder can be permanently affixed at the object which has to be identified by means of screw or rivet. As well the mounting hole provides the possibility to use a cable tie or metal steel wire to mount the tag on valves or machine equipment in rugged hazardous area environment. Suitable stationary and portable ATEX certified LF and portable HF RFID readers are available |
| Key Features | ON-Metal Use, Rough Environment, Heat Tolerant, High Durability |
| Options | Offset Print |
| Comments | Hole 6.2mm |

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| | |
|-------------------------|------------------|
| Article Type | Button/Round TAG |
| Color | Black |
| Diameter [mm] | 54 |
| Thickness [mm] | 15 |
| Weight [g] | 45 |
| Hole | yes |
| Operating Temp °C (min) | -45 |
| Operating Temp °C (max) | 60 |
| Storage Temp °C (min) | -45 |
| Storage Temp °C (max) | 60 |
| IP Class | IP68 |
| 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 |
|----------------|---------|------|---------------|-------------------------------|
| 3015-01-152-00 | D54mm | LF | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 3015-01-103-00 | D54mm | LF | EM 4550 | ISO/IEC 11784/85 Compatible |
| 3015-01-113-00 | D54mm | LF | HITAG S 2048 | ISO/IEC 11784 & 11785 & 14223 |
| 3015-01-260-00 | D54mm | HF | ICODE SLIX | ISO/IEC 15693 & 18000-3 |