



DATA SHEET



**ATEX
EXO600 Tag**



Zone 0

| Product Description | | ATEX EXO600 Tag |
|---|--|--|
| Physical Specifications | | |
| Encasement | ABS Rigid Plastic | |
| Size (mm) (tolerance) | 80 x 15 x 12.2mm (with holes) 60 x 15 x 12.2mm (without holes) 3.15 x 0.59 x 0.48in (with holes) 2.36 x 0.59 x 0.48in (without holes) | |
| Weight | 12.5gr (with holes) 11.5gr (without holes) | |
| RF Specifications | | |
| Protocol | EPC Class 1 Gen2 | |
| Frequency Range (MHz) | 860-940 (Dual Band) | |
| Read Range (Fixed reader) 1 | Up to 6.0m | |
| Read Range (Handheld reader) 1 | Up to 3.0m | |
| Material Compatibility | Optimized for Metal substrates | |
| IC Type (chip) | Impinj Monza 4QT | |
| Memory 2 | EPC - 96bits, User - 512bits, TID - 64bits | |
| Environmental Specification | | |
| Operating Temperature | -40 to +85 °C | |
| Long term Max Temperature 1 exposure - (days,weeks,years) | +85 °C | |
| Short term Max Temperature 1 exposure - (minutes,hours) | +105 °C | |
| IP Rating | IP68 | |
| Shock and Vibration | MIL STD 810-F | |
| Impact | 10kg from 1m | |
| Attachment | Mechanical (std) Film adhesive (option without holes) Foam adhesive (option without holes) | |
| Certifications | RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option) | |
| ATEX |  <p>II 1G Ex ia IIA Ga II 2G Ex ia IIB Gb I M1 Ex ia Ma</p> |  |
| Article no: | | |
| Article no: | ATEX EXO600 Tag | |
| Typical Applications | | |
| Suitable for metal environment | Offshore | |
| Maintenance & Service | Oil & Gas | |
| Industrie & Logistics | Chemical Industry | |

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