

UHF | HF - Hard Tags HID - Exo Keg Tag

- UHF only or Dual Frequency Tag (UHF+NFC)
- Up to 10 meter reading range (UHF)
- IP68 protection
- Suitable for on metal mounting
- Laser engraving (optional)



UHF | HF - Hard Tags Exo Keg Tag

EXO Keg Tag transponders enhance the inventory tracking and lifecycle management of cylindrical returnable transport items (RTI), such as beverage kegs, chemical drums and gas cylinders. Radio frequency identification (RFID) technology from HID can help improve operational efficiency, while ensuring safe container transport and return. Anti-collision technology speeds processing, allowing readers to communicate with multiple tags in a single pass. At the same time, information stored in each RFID tag empowers more accurate, efficient asset management.

EXO Keg Tag transponders mount via welding on steel kegs. The RFID tags are built to withstand rigorous washing and sterilization processes, including the use of caustic soda. Durable, double injected, full plastic housings guard the enclosed electronics against exposure to liquids and harsh chemicals, as well as fluctuations in temperature.

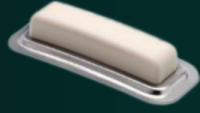
RAIN (UHF) transponders enable real-time inventory, while slashing processing time. HID UHF EXO Keg Tag devices allow accurate accounting of entire pallets – even full truckloads – of containers in seconds. The unique design is optimized to facilitate reliable inventory tracking amidst a dense field of objects, even when items are filled with liquids. Each container can be counted and identified as a truck pulls away from a distribution center, and again when the truck arrives at its destination. This enables full visibility not only in the warehouse, but also during transportation and on customer sites.

Common Applications

- Returnable transport items
- Keg tracking
- Metal gas cylinders
- Chemical containers



EXO Keg (UHF)



EXO Keg (UHF)



EXO Keg Inline Combo



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|------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| OEM Part Number (P/N) | 6M6982-102 | 6F1988-102 | 6PC982-102, 6PC982-104 |
| Frequency | 865-928 MHz | 865-928 MHz | 13.56 MHz + 865-928 MHz (Global) |
| Chip Type | M730 | Monza R6 | M730 + ICODE SLIX2 |
| Chip memory | 128 bit EPC + 96 bit TID | 96 bit EPC + 96 bit TID | 128 bit EPC + 96 bit TID (UHF) + 2560 bits user memory (HF) |
| Reading Distance | Up to 10 m | Up to 10 m | Up to 10 m |
| Dimensions | 88 x 37 x 15 mm | 52 x 26.5 x 21.4 mm | 88 x 37 x 15 mm |
| Mounting Method | Weld | Weld | Weld |
| Affixes To | Steel Kegs | Steel Kegs | Steel Kegs |
| Housing Material | PA (Polyamide) | PA (Polyamide) | PA (Polyamide) |
| Water | IP68 | IP68 | IP68 |
| Withstands Exposure To | Mineral oil, petroleum, salt mist, vegetable oil, caustic soda 5%; up to 80% humidity at 70°C | Mineral oil, petroleum, salt mist, vegetable oil, caustic soda 5%; up to 80% humidity at 70°C | Mineral oil, petroleum, salt mist, vegetable oil, caustic soda 5%; up to 80% humidity at 70°C |
| Vibration & Shock | IEC 68.2.6 / IEC 62262-1K08 / IEC 60068-2-27:2008 | IEC 68.2.6 / IEC 62262-1K07 / IEC 60068-2-27:2008 | IEC 68.2.6 / IEC 62262-1K08 / IEC 60068-2-27:2008 |
| Storage | -40° to +85°C | -40° to +85°C | - 40° to + 80°C |
| Operating | -40° to +85°C | -40° to +85°C | - 40° to + 80°C |
| Standards | UHF EPC Class 1 Gen 2 | UHF EPC Class 1 Gen 2 | UHF EPC Class 1 Gen 2 |
| Box Size | 240 pcs. | 400 pcs. | 240 pcs. |