

This UHF active RFID asset hazard tag is intrinsically safe certified to ATEX Zone 0 and ICEPEX standards.

This UHF active RFID asset hazard tag is intrinsically safe certified to ATEX Zone 0 and ICEPEX standards. It can also be configured to hold standard 26-bit Wiegand numbering allowing it to be used with existing access control systems separately or together with the active RFID system. It offers a collision avoidance algorithm which reduces loss of data caused by simultaneous transmissions from multiple tags. The asset tag has a unique omni directional antenna allowing it to be read from all directions and to be deployed well on both metallic and non metallic assets. An internal battery powers the tag and its ultra low power consumption function ensures a longer battery life at higher rates of transmission than other active RFID tags. Various preset transmission intervals are available. In addition, this tag is sealed to IP67 standard which provides the highest level of water ingress protection.



Key Features

- ✓ ATEX Zone 0, ICEPEX and intrinsically safe certified
- ✓ Beacon tag transmitting a unique ID & data at pre-set intervals
- ✓ Ultra long-range transmitter
- ✓ Anti-tamper alert option and motion sensor option
- ✓ Ruggedized IP67 Industrial Housing
- ✓ Extended Temperature: -40 °C to +70 °C

Applications

- ✓ Oil & gas industry
- ✓ Mining
- ✓ Use on metal

Technical Specifications

Environmental

Operating Temperature -30°C to 60°C

Storage Temperature -40°C to 70°C

Humidity 5% to 90% (non-condensing)

Physical

Size 68 x 36 x 16 mm

Weight 25 g

Color Yellow

Material Nylon

Radio Frequency

Transmit Frequency 433.92 MHz

Range 1 to 100+ meters (actual range is determined by the choice of reader & antenna used to detect the tag and the environment it is used in)

Electrical

Power Internally powered by lithium battery;
High temperature battery available (125°C);

Optional Accessories (sold in packs of 10)

Tag attachment kit

Tamper alerting tag attachment kit

GAO Group

GAORFID.com

GAOTek.com

GAOResearch.com

Toll Free (USA & Canada)

1-877-585-9555

All Other Areas

416-292-0038

Dial Ext.601 for Sales
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