QUIN-TAGspecial

HF-RFID for industrial applications and harsh environmental conditions

- passive RFID communication 13.56 MHz
- hard TAG with stainless steel loop
- EPOXY casing, comfort multicolor printing possible
- re-useable mounting
- 1 kbit up to 256 kbit memory
- designed for item and object tagging, especially in transport and logistic, chemical industry, maintenance

These transponder devices are an integral part of microsensys iID® system solutions. They are working optimal with microsensys standard RFID reader components.

RFID Technology: closed coupling RFID system iID®2000/3000, ISO 15693 or 14443
Chip Type: SLIX, SLIX-S, iID®X, iID®K, iID®L, iID®G
Carrier Frequency: 13.56 MHz
Communication Rate: down link 26.4 or 106 kbps
Communication Distance: dependent on reader antenna, chip type on metal application

Memory: EEPROM
Memory Capacity: endurancet >10⁶ cycles, data retention > 10 (50) years
Special Functionality: iID®X type is X ray suitable, see data sheet of chip manufacturer iID®K and iID®L type, please ask microsensys

Operating Temperature: -25°C ... +85°C
Storage Temperature: -45°C ... +125°C
150°C for short time, high temperature on request

Dimensions: approx. 33 x 30 mm, max. TH 3 mm
Casing Material: EPOXY multi layer plastic package, carrier glass fibre reinforced, front side black EP
Marking: standard laser printed, type 551
Protection Class: IP67
Mounting Instructions: fastening by screw or blind rivet, direct using on metal possible, plane side on metal

Appropriate RFID Reader: PEN reader with RS232TTL, USB or Bluetooth interface, POCKET reader with USB and Bluetooth interface, especially for mobile data capture with RS232 or USB interface INDUSTRY 0906 UNI13 or Q10 13.56 MHz read write module, for microsensys OEM partner only

HOST Command Set: see actual API documentation of microsensys iID® driver engine or data sheets of silicon chip manufacturer
Software: different software for Windows PC or mobile devices available, for application software please ask at info@microsensys.de

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<td>Special Features</td>
<td>SLIX, SLIX-S, SLIX-3</td>
<td>SLIX, SLIX-S, SLIX-3</td>
<td>Xray suitable iID-X, iID-K</td>
<td>high security iID-L, iID-X, iID-K, iID-G</td>
<td>high memory iID-L, iID-X, iID-K, iID-G</td>
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* on inquiry

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This data sheet is subject to change please ask at info@microsensys.de

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