M30 RFID HEAD

INDUSTRY HF RFID read/write unit

The integrated industry reader is designed for high speed transponder applications and can be used under harsh industrial environments. This device is available with different HOST interfaces as USB or RS232TTL or RS232 standard*. A comfortable set of software functions supported over microsensys iID driver engine and the polling mode makes this reader very flexible for customer solutions.

microsensys offers an attractive component platform for RFID solutions – from transponder over smart readers to practical software tools

### RFID System
- **Standards:** based on ISO 15693, ISO 14443, ISO 18000-3
- **Chip Solutions:** I-CODE®, Tag-it®, my-D®, iID® M, EM chip types, iID® G, iID® L, TELID® 200/300, Mifare® ultralight/Classic, iID® K
- **Basics:** closed coupling read / write unit

### RFID Air Interface
- **Operating Distance:** 0 ... 50 mm depending on transponder type and metal environment
- **Reader Antenna:** printed antenna, P26 closed coupling P26 antenna in front direction
- **Field Direction:** ISO 15693: 26.4 kbps
- **Communication Rate:** ISO14443: 106 kbps

### HOST Interface
- **Connector:** USB or Sub-D9 (cable 1.5 m)
- **Power Supply:** +5V +/-5%, stabilized, low noise over USB or Sub-D9
- **Power Consumption:** typ. 30mA (idle mode) typ. 230mA (active mode)
- **Software Interface:** iID® 3000PRO interface protocol
- **Supported Commands:** see actual API documentation of microsensys iID® driver engine

### Options
- **PC-Adapter for RS232TTL device**

### Device Size
- **Casing Material:** plastic
- **Mounting:** mountable with 2 nuts please note metal environments

### Operation Temperature
- **-15°C ... +70°C**
- **Storage Temperature:** others on request
- **-25°C ... +85°C**

### Emissions
- **Examine for EN 300330**
- **Protection Class:** IP 65 without connector

### Type
- **53.99.700.00**

### Air Interface
- **ISO 15693/14443**

### HOST Interface
- **USB**

### Power Supply
- **5V +/-15%**

© microsensys, mic3, iID and TELID are registered trademarks or trademarks of microsensys GmbH. Other products mentioned in this document may be trademarks of microsensys or trademarks or registered trademarks of other software, hardware, or service providers and are used herein for identification purposes only. Windows and the Windows Logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.