**LABEL D11special**

HF-RFID transponder, label packaging

- passive RFID communication 13.56 MHz
- round label, white, diameter 13 mm
- self adhesive back side, PU cover
- designed for simple part tagging, on metal
- building on sheet

These transponder device is an integral part of microsensys iID® system solutions. This TAG operates with microsensys standard RFID reader components and high sensitive demodulators.

---

**RFID Technology:**

- **Chip Type:** closed coupling RFID system iID® 2000, ISO 15693
- **Carrier Frequency:** 13.56 MHz
- **Communication Rate:** down link approximately 26.4 kbps
- **Communication Distance:** 0 ... 10 mm dependent on reader antenna, chip type and metal environment
- **Memory:**
  - **Memory Capacity:** EEPROM endurance >100.000 cycles, data retention > 10 years
  - **Special Functionality:** 2 kbit, 10 kbit available see data sheet of chip manufacturer
- **Operating Temperature:** -25°C ... +65°C
- **Storage Temperature:** -25°C ... 80°C, max. 60% relative humidity
- **Dimensions:** diameter 13 mm, TH max. 1.5 mm
- **Packaging Material:** flexible ferrite carrier with adhesive, white printable inlet, clear PU cover
- **Mounting Instructions:** self adhesive on clean planar surface direct using on metal
- **Marking:** no marking
- **Appropriate RFID Reader:** PEN mini with RS232TTL, USB or Bluetooth interface, PEN motion with Bluetooth interface, POCKET reader with USB and Bluetooth interface especially for mobile data capture
- **HEAD reader** with RS232TTL, RS485, USB for industrial application UNI13, 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

---

**Type:** 12.45.681 12.47.681* *) on inquiry

**Chip Type:** SLIX SLIX-S

**Memory:** 896 1.2k

**Communication Distance:** 5 5 mm distance measured with PENmini