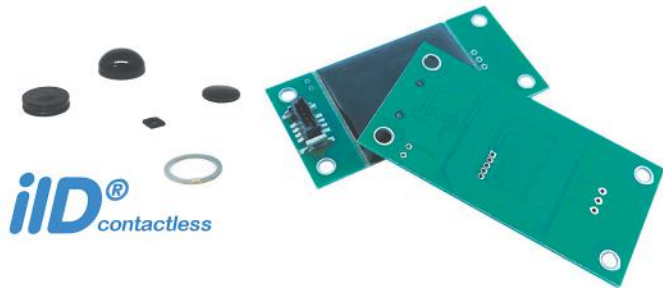


**Identification of
replacement parts and
disposables**

*Applying RFID Transponders and Moduls for
monitoring of medical devices and components*

iID[®] contactless
TELID[®] sensors



IID®
contactless

RFID Transponder

Our transponders are suitable for detection, identification, inventory and maintenance applications. Especially designed for customers that require passive technology and bidirectional data communications. We offer a wide variety of transponder types, for metal, and non-metal applications. Such as very small transponders to use in sample management for laboratory analytics or larger transponders for the monitoring of medical devices.

RFID Reader-Module

Readers for RFID transponders are available in mobile, stationary and modular designs. To support a wide variety of applications. Our readers support standard interfaces to simplify the integration into the medical devices, e.g. RS232, USB, CAN, I2C and SPI. And the associated drivers to ensure software integration.

Benefits of an RFID-System

Forgery-proof identification, bidirectional data transmission, contactless communication, fast, efficient writing/reading of transponder data. Suitable for harsh environment.

Applying RFID for the Monitoring of Medical Devices & Accessories

There are a wide variety of use cases. For example, during the lifecycle of a medical device is critical to clearly identify the device and evaluate its operating condition. By assigning transponders to the device and the factory authorized spare parts, these can be identified and verified as original to insure optimum and safe operation.

Your RFID System at a glance

An RFID system consists of the passive transponder also referred to as a tag or chip. The reader having an antenna for contactless communication with the transponder. The software to handle the communications and transponder data.



Contact us

microsensys - RFID in motion

In der Hochstedter Ecke 2
D 99098 Erfurt

tel: +49 361 5 987 40
fax: +49 361 5 987 417
e-mail: info@microsensys.de
web: www.microsensys.de

mic3®, *iID®* and *TELID®* are trademarks of Micro-Sensys GmbH.
© 2019 Micro-Sensys GmbH - All rights reserved
Photo: whyframeshot / sudok1 - stock.adobe.com