

RFID Integration PCB's for in existing Housings



Our contactless read or write RFID PCB's have been developed for universal and simple integration in existing housings.

Through a variety of software programs and interfaces these RFID integration PCB's can be universally used... The RFID integration PCB's are optionally available with integrated relay.

Following Technologies from the RFID integration PCB's are supported:

- LEGIC RF (alle advant & prime Transponder)
- ISO12443 A+B (Mifare DESFire, Infineon SLE, SmartMX)
- Mifare Classic 1k, 4k, Mini, Ultralight, Plus (RF identification protocols)
- ISO15693 (EM4035, Tag-It HFI, Infineon SRF55VxxP, ISO18000-3 mode 1)
- Sony Felica
- ISO18092 NFC(passive mode und peer-to-peer)
- Inside Secure (UID only)
- HID iCLASS (UID only)
- Hitag 1
- Hitag 2
- EM4102

Technical specifications:

- Dimensions :
 - In housing : 80 x 80 x 18 mm
 - In housing with mounting frame : 80 x 80 x 34 mm
 - PCB : 76 x 76 x 10 mm
- Housing :
 - ABS (shock resistant)
 - Colour black or white
 - Fully potted
- Interfaces :
 - TTL
 - RS232
 - RS485
 - Wiegand D0/D1
 - Clock/data
 - USB 2.0 (HID-Mode) and in transparent mode
- Digital inputs :
 - 3 opto-isolated
- Digital outputs :
 - 2 open collector
- Relay :
 - 1 NO/NC (optional)
- Power supply :
 - 5,0 V DC
 - 9,0...24 V DC
- Integrated antenna
- Reading distance : Up to 100 mm (depending on transponder type and environment)
- Double reading block (optional)
- Integrated buzzer and 3 LED's for status indication
- Protection rate: IP65 depending on mounting method
- Temperature range : -20°C to +60°C