



HFP Handheld

The RFID Reader HFP is a handheld reader with keyboard emulation for 13.56 MHz transponders according to ISO standard 15693. The reader is automatically recognized when connected to a USB port without driver installation. A read operation is triggered by pressing a button and is indicated by an LED and a beep when identification is successful. The read data is displayed in an active input field or an application program, as with a keyboard input (HID Human Device Interface).

Technology

RFID-HF Frequenz 13,56 MHz (ISO 15693)

Functions

- » Mobile HF reader with medium reading range
- » Installation-free commissioning (Plug&Play)
- » Operation at the push of a button
- » Optical and acoustic display
- » Keyboard emulation, optional emulated RS232 interface

Components

- » Housing for ergonomic one-hand operation
- » Integrated membrane keyboard with LEDs
- » USB connection cable in variable lengths

Features

- » Typical reading range with HF transponder card approx. 120 mm
- » Transmitting power approx. 200 mW
- » User-friendly due to easy handling
- » Easy integration into existing processes
- » Flexible parameterization through simple menu navigation

The highlights

Ergonomic housing

Easy to use due to ergonomic grip area, for both right and left handed users.

Membrane keypad

Easy operation through direct selection keys and LED displays in reading mode and menu navigation.

Simple process integration

Easy integration of the RFID solution into existing processes through the use of an HDI interface.

Flexible configuration

Menu-guided setting of parameters enables flexible and intuitive configuration.

Integrated antenna

The reader is equipped with an integrated antenna.

Customization

Customer-specific functionalities can be implementable.



Part number	Description		
	Housing	Plug type	Length
HRF.R.HFP.0I.KU.10.30A	USB	Keyboard	3,0 m
HRF.R.HFP.0I.AU.10.30A	USB	ASCII	3,0 m
HRF.R.HFP.0I.SU.10.30A	USB	SECS	3,0 m

(Further variants and customer-specific configurations available on request)

Technical data

Connection: USB variable cable length
up to 3m
antenna: integrated
Frequency: 13,56 MHz , ISO 15693
transmitting power: 200 mW
dimensions: 185 x 90 x 60 mm
weight: 450 g
Housing material: ABS

Protection class: IP40
Operating temperature: 0 °C to 50 °C
Storage temperature: -40 °C to 85 °C
Permissible humidity: at 50°C 25% to 80%
Current consumption: 80 mA / 300 mA (passive/active)
Voltage: 5 V (+/- 5%)
Conformity: CE, RoHS, REACH

