

HFS E-Signreader

The RFID reader HFS E-Sign is a reader for 13.56 MHz transponders according to ISO standard 15693. Due to the small design, the E-Sign reader is ideal for direct operation at the reading point. This reader is also a practical, effective and extremely inexpensive alternative for quickly and easily adding RFID capability to PCs. The reader is available in RS232 and USB versions. A driver for the USB variant is offered for all common operating systems.

Technology

RFID HF frequency 13.56 MHz (ISO15693)

Components

- » Rugged POM housing
- » Integrated antenna
- » 3 user LEDs, 1 RGB LED on the side

Functions

- » Adjustable polling mode
- » Status display via LEDs

Features

- » Transponder identifiable according to ISO15693
- » Application also in metallic environment
- » User-friendly due to easy handling
- » Problem-free integration into existing processes

The highlights

Compact housing

Compact design allows operation as a desktop reader or direct mounting at the reading point.

Integrated antenna

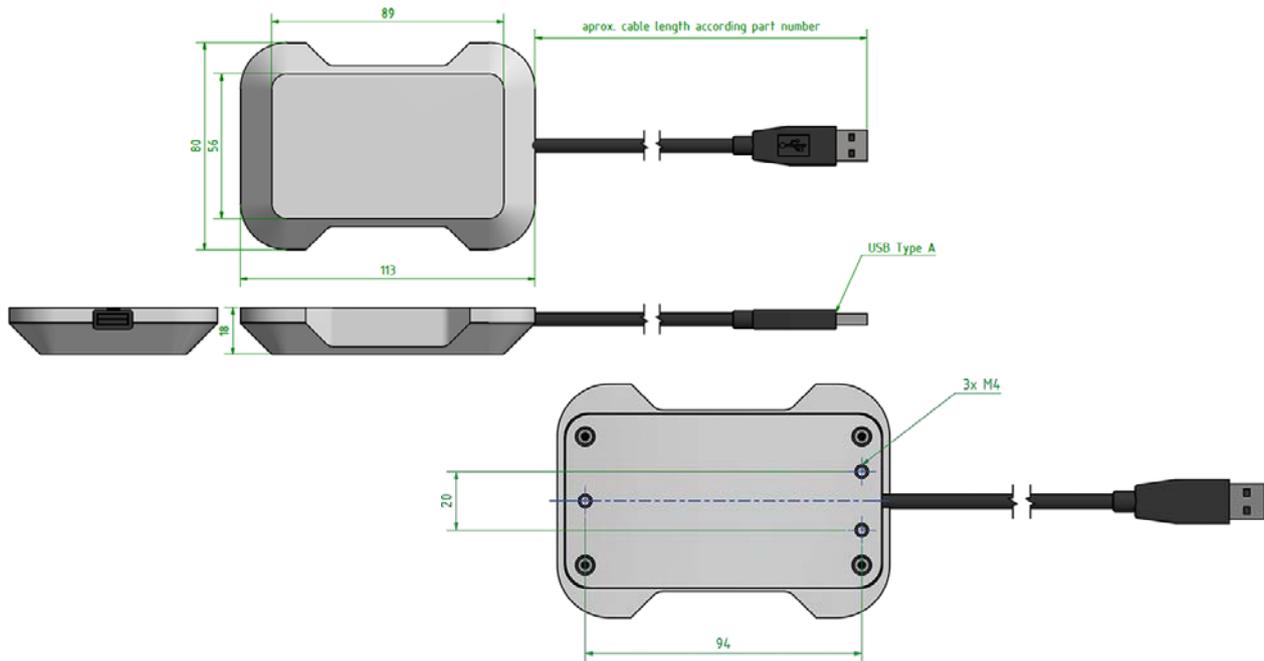
The reader is already equipped with an integrated antenna. equipped.

Simple process integration

Easy integration of the RFID solution into existing processes

Customer-specific adaptations

Customer-specific functionalities can be implementable



Part number	Description		
	Housing	Plug type	Length
HRF.R.HFS.0I.XR.E0.10A	RS232	ASCII, SECS	1,0 m
HRF.R.HFS.0I.XU.E0.30A	USB	ASCII, SECS	3,0 m
HRF.R.HFS.0I.XU.E0.50A	USB	ASCII, SECS	5,0 m

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

Technical data

Interface: RS232, USB
 Protocols: ASCII, SECS
 Connection: USB variable cable length up to 3m
 antenna: frame antenna, internal
 Frequency: 13,56 MHz , ISO 15693
 transmit power: 200 mW
 dimensions: 113 x 80 x 18 mm
 weight: 150 g

Housing material: POM
 Protection class: IP20
 Operating temperature: -10 °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

