



# HFS SL Reader

The HERMOS HFS SL RFID Reader is a read/write device of the HERMOS HFS class. The reader is already equipped with an integrated frame antenna. Due to its compact design, the antenna is largely shielded against metal in the installation environment. The easy integration of this reader via Ethernet (PoE) allows a customer-oriented application. Existing connections for inputs and outputs can be assigned individually.

## Technology

RFID HF 13,56MHz (ISO 15693)

## Components

- » Robust housing with impact protection bracket
- » Integrated antenna
- » Inputs and outputs, pushbutton and status LED

## Features

- » Transponder identifiable according to ISO 15693
- » Applications also in metallic environment
- » Uncomplicated setting by means of DIP switch
- » Easy integration into existing processes

## The highlights

### Compact housing

The compact design allows the operation in a metallic environment.

### Integrated antenna

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

### Power over Ethernet (PoE)

Savings potentials through the use of PoE within the network infrastructure. Relief of the cost budget and simple cabling.

### Simple process integration

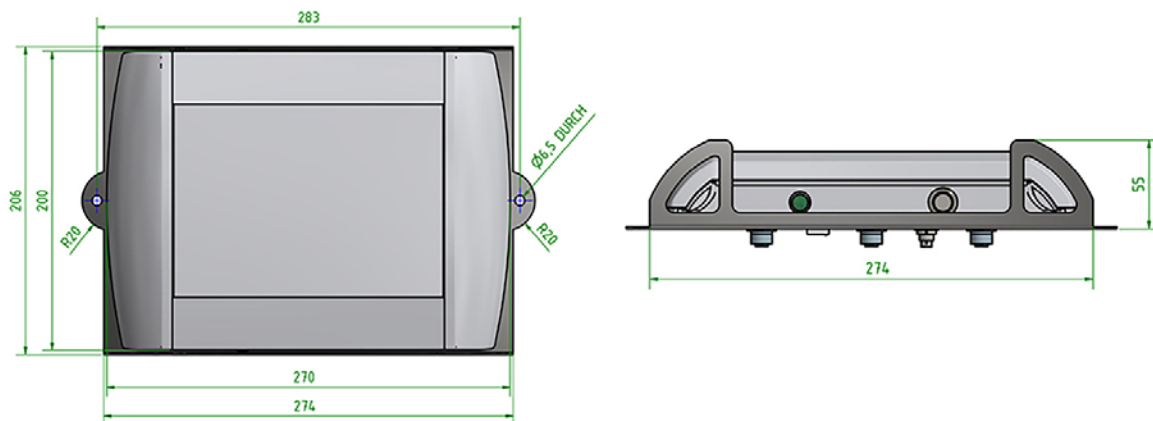
Easy integration of the RFID solution into existing processes

### Polling mode

Automated reading processes simplify the procedures and the control effort.

### Customer-specific adaptations

Customer-specific functionalities are optionally implementable



Part number	Description			
	Interfaces	Protocol	Antennas	I/Os
HRF.R.HFSS.0I.AV.10A	Ethernet, PoE	ASCII	Internal	4 In-, 4 Outputs

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

## Technical data

**Interface:** Ethernet (PoE)  
**Protocols:** ASCII  
**Antenna:** integrated  
**Frequency:** 13.56MHz, ISO15693  
**Transmit power:** 250 mW  
**Dimensions:** 300 x 206 x 55 mm  
**Weight:** 1400 g  
**Housing material:** ABS  
**Protection class:** IP40

### Mounting:

**Operating temperature:**  
**Storage temperature:**  
**Permissible humidity:**  
**Voltage:**  
**Power consumption:**  
**Compliance:**

Stainless steel impact protection

0 °C to 50 °C  
 -25 °C to 70 °C  
 at 50°C 25% to 80%  
 24VDC or PoE (48VDC)  
 0.2A@24VDC (PoE class 0)  
 CE, RoHS, REACH

