



HF-1356-SER

Complete serial
functionality.



Key Features

- Compact design
- Standard RS232 interface
- Robust metal housing
- 50 Ohm SMA antenna connector

RFID read/write device for the high-frequency range 13.56 MHz. Includes a serial interface for convenient connection with nearly any type of production equipment.

Our HF-1356-SER reader enables secure and fast identification of products and production batches. The device operates in the 13.56 MHz frequency band and features read and write functionality for all conventional ISO15693 HF transponders.

This reader features an industry standard RS232 interface and communicates with a host system using the ASCII light protocol. Use cases for this reader include production equipment featuring only very few identification positions (e.g. single loadport).

Technical data

Designation	HF-1356-SER
Product code	RFID-RD-HF1356-SER-M
Version	Serial HF Reader with fully shielded tinplate metal case for rough electromagnetically environment.
Dimensions	97 x 90 x 39 mm (without base plate) 117 x 90 x 44 mm (with base plate)
Weight	235 g (without base plate)
Case	Housing: tinplate Base plate: POM (Polyoxymethylen)
Voltage power supply	24 V/DC ±3 %
Power consumption	Idle mode: 0.7 W (~30 mA) Read mode: 1.5 W (~60 mA)
Connectors	24 V/DC Power (Binder plug socket, Series 712-2p) Antenna (SMA) Serial RS232 (DSUB-9 female)
Communication protocol	ASCII-L
Antenna	HF antenna (see data sheet „Accessories“)
RFID frequency	RFID Frequency 13.56 MHz
Readable transponder types	ISO 15963; ISO 18000-3 (e.g. card RI-TRP-W4FF; disk RF-PT-25- 10) IFX SRF55V02P (e.g. card my-d vicinity)
Reading time one page	Average 110 msec
Permanent reading	maximum 1 cycle/s
Operating temperature	0 °C to +50 °C
Operating temperature	-25 °C to +50 °C
MTBF	≥ 40,000 h
MCBF	≥ 1,000,000 reading cycles

Accessories

Talk to our sales team
for compatible antennas
and accessories.

For detailed information please ask for the technical data sheet.



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