Factory
Automation
Solutions

ORTNER

Complete serial functionality.

Benefits

- **Compact design**
- **Very low integration dimensions**
- **Direct system connectivity**

RFID read/write device for the high-frequency range 13.56 MHz.

Includes serial connection for convenient connection with

nearly any type of production equipment.

HF readers developed by Ortner enable secure, fast identification of your products and production lots. This very small 13.56 MHz device even includes write and read functions for all industry-standard HF transponders featuring ISO15693.

This reader is therefore suitable for production equipment featuring only one or very few identification positions (e.g. Loadport). Communication with a superordinate system is achieved using ASCII or SECS protocol. More details are available in the technical description.

HF-SER

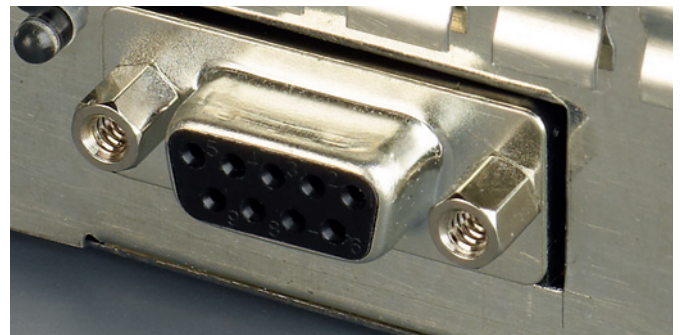| Designation	HF-SER-M
Version	With metal case; particularly suitable for production environments with high electromagnetic interference
Dimensions	90 x 90 x 30 mm
Weight	185 g
Case	Tin plate
Operating temperature	0 °C to +50 °C
Storage temperature	-25 °C to +50 °C
Voltage power supply (typical)	24 V +/- 3 %
Antenna	HF antenna (see accessories)
RFID frequency	13.56 MHz
Readable transponder types	ISO 15693, ISO 18000-3 (e.g. card TI 0103, Tag-IT, ICODE 2 SLI, transponder disk 25 mm)
Communication protocols	SEMI E99, ASCII, SECS
MTBF	≥ 40,000 h
MCBF	≥ 1,000,000 reading cycles

Accessories

Antenna

■ **ANT-HF-SMA-25**

■ **ANT-HF-SMA-40x70**

Cable

■ **CABLE-SER**

For more information please see data sheet "Accessories".

A member of Meyer Burger Group