Simple connection at high frequency.

Benefits

- **Compact design**
- **Network-compatible**
- **Robust metal housing**
- **Impedance adjustment at antenna connection**
- **International RFID standard**

This high-frequency 13.56 MHz RFID read/write device provides a CAN bus interface and easy connection of multiple devices.

The HF-CAN reader was developed by us for secure, fast identification of products and production lots: the device operates in a frequency range of 13.56 MHz and includes a write and read function for all conventional ISO15693-standard HF transponders.

Simultaneous reading of multiple lots per bulk is possible with any ISO15693-standard, HF transponder. For bulk-capability with LF devices, special transponders (SAMPT) are required. When identifying larger quantities of data, HF-RFID enables increased transfer speed versus LF-RFID.

All HF-CAN readers feature a CAN IN and a CAN OUT connection to connect multiple reading devices with each other more conveniently. This makes it especially useful when working with multiple sequential identification articles, such as with warehouse systems. Communication with a superordinate system takes place via a CAN-Controller.

HF-CAN

Designation	HF-CAN
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)
MTBF	≥ 40,000 h
MCBF	≥ 1,000,000 reading cycles
Speed of CAN bus	Adjustable up to 1 MBit/sec, typical 100 kBit/sec

Accessories

Antenna
- ☐ **ANT-HF-SMA-40x70**
- ☐ **ANT-HF-SMA-25**

Cable
- ☐ **CABLE-CAN-SER**
- ☐ **CABLE-ETH**
- ☐ **CAN-Terminator**

Controller
- ☐ **CAN2Web Advanced**
- ☐ **CAN-Controller**

For more information please
see data sheet "Accessories".

A member of Meyer Burger Group