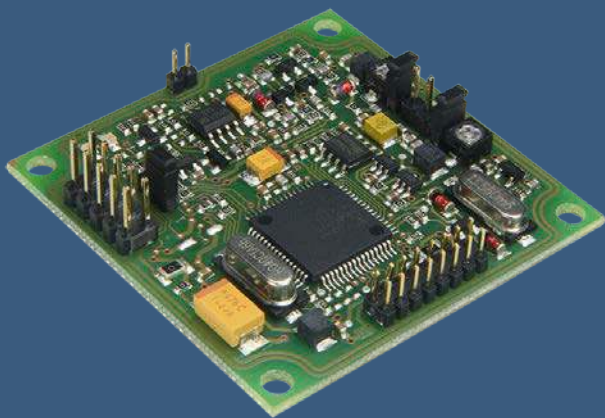


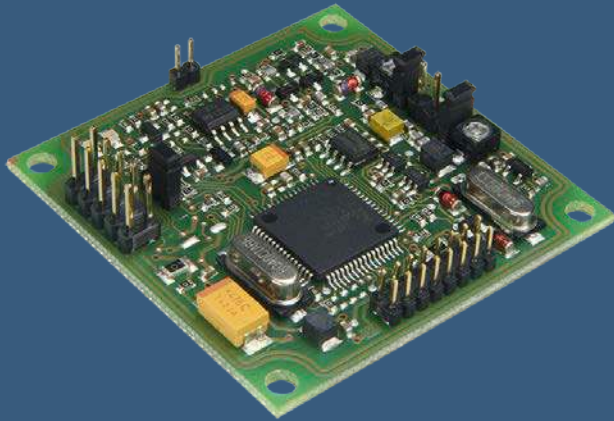
## HF Proximity Reader Module ID ISC.M02-B



### Features:

- Operation with integrated or external antenna
- Anti-collision function
- Multi-tag Reader for ISO15693
- Possible applications in the sector of access control due to data-/clock interface





## Order description:

ID ISC.M02-B HF Reader Module

## Accessories:

ID ISC.ANT40/30-A HF Antenna  
ID ISC.ANT100/100-A HF Antenna

## TECHNICAL DATA

Dimensions (W x H x D)	50 mm x 50 mm x 15 mm (1.97 x 1.97 x 0.55 inch)
Connector	10 pin connector Spacing 2.54 mm (0.1 inch)
Operating frequency	13.56 MHz
Supply voltage	5V DC $\pm$ 5%
RF transmitting power	90 mW +/- 2dB
Power consumption	maximum 1 W
Supported transponders	ISO 15693
Antenna	integrated (48 mm x 48 mm) External 50 $\Omega$ antennas optional
Read range	10 cm* with integrated antenna, up to 14 cm* with ext. antennas
Interfaces	RS232-TTL, Data-/Clock (magnet card emulation and Wiegand emulation)
Signal generator	2 LED (red/green)
Temperature range	
Operation	-20 °C up to 70 °C
Storage	-40 °C up to 85 °C
EEPROM	1 kB (10.000 write-cycles)
FLASH	64 kB (Software Update via interface possible)

\* Read ranges depend on the transponder size.  
Here made statements relate on a inlet size of 76 mm x 45 mm

## STANDARD CONFORMITY

Radio licence	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
EMC	EN 301 489
Safety	EN 60950

Not recommended for new design.

FEIG ELECTRONIC reserves the right to change specification without notice at any time.  
State of information: November 2016.