IDT-1000EM

Proximity RFID card with thick design and coiling 125kHz EM4100 chip

Picture

Desciption

RFID-based systems guarantee the highest level of security. The additional devices required for the operation of these access control systems are proximity RFID cards, key fobs and bracelets.The IDT-1000EM(1M)-is a thick design proximity RFID security with 125kHz EM4100 chip, conventional EM-type readers. Thanks to its small size, it can be easily stored in a wallet or briefcase. Its thicker coil makes the the reading distance is greater than other cards with a normal coil with a wider card thickness. The card supports the 34-bit Wiegand standard.
Its use is extremely simple, by holding the scanner a few centimetres away from the card can operate the reader's relay from a few centimetres away from the reader's antenna.

Properties

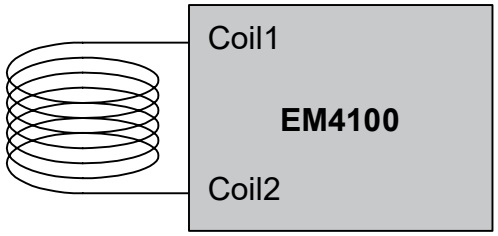
• Design:	Plastic card
• Colour:	White
• Mode:	Passzive RFID
• Card Numbering:	Random
• Printed code:	Yes
• Customizable:	Yes
• Other features:	ESD protection (1 000V)
• Case:	CH-151H, CH-151V, CH-014H, CH-014V

Specification

• Frequency:	125 kHz
• Reading Distance:	~1 m
• Width:	86 mm
• Height:	54 mm
• Thickness:	1,8 mm
• Weight:	13 g

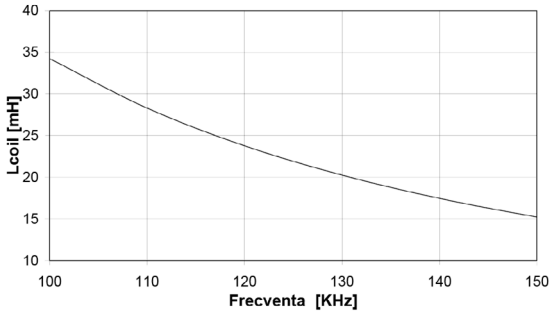
EM chip specification

• Type:	125 kHz EM4100 (only Readable)
• Wiegand format:	34 bit
• Coil voltage	10 mA
• Coil Tension:	3~14 V AC
• Temperature:	-40°C ~ +85°C



Az EM chip working frequency

Coil inductance and operating frequency with 74 pF capacitor



YLI SIKMAGNESEK
C.: 1102 Budapest Hölgy utca 50/b
T.: +36 1 406 98 07
W.: www.yli.hu

IDT-1000EM(1M)-34
Proximity RFID kártya
ADATLAP