AcuProx Card

The AcuProx RFID Card is ideal for use in many applications in the area of access control. It is suitable for applications that use the AcuProx readers. Operating at 125 kHz, it is durable and has good read performance. The codes the AcuProx RFID card is compatible with are printed on the card; Wiegand, ABA TK2 and Serial RS-232.

Purchase Code: 500.003

• Recursos

The AcuProx Card RFID proximity card uses read-only passive RFID technology. The tag has a hole to be used as a badge and has a unique prerecorded 64-bit code printed on the back. Made of PVC (top) and ABS (shell), the AcuProx Card is durable and has excellent reading performance. The top film application allows for identification. For quantities greater than 50,000, the AcuProx Card can be provided with customized printing on the surface, and for quantities exceeding 250,000 units, it is possible to provide the card with custom printing or an embossed on shell.

• Advantages

- Great read performance;
- Resistant and ideal for use as a badge;
- Encoding printed on three interfaces: Wiegand, ABA TK2 and Serial RS-232;
- Compatible with all AcuProx line readers;
- Comes with hole.

• Dimensions [mm]
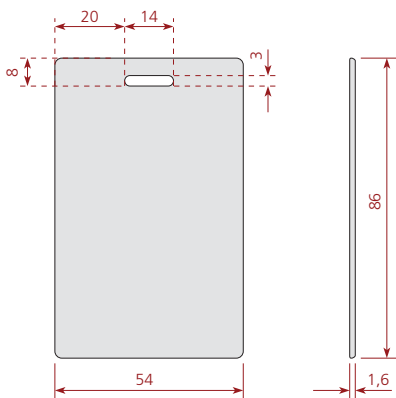
• Technical Specifications

Electrical Characteristics

Technology	LF - (Low Frequency, passive)
Type	Clamshell
Modulation	ASK
Frequency of Operation	125 kHz
Chip RFID	Unique EM4002 or Compatible - RO
Memory Configuration	64 bits, 40 bits ID
Reading Distance*	08 to 13 cm with AP-15 player 24 to 32 cm with AP-30 player 40 to 48 cm with AP-60 player
Applications	Personnal Identification
Lifetime**	Unlimited

Operational Characteristics

Encapsulation	PVC matte white (blade) and ABS (shell)
Weight	9 g
Dimensions	86 x 54 x 1,6 mm
Operating Temperature	-20°C to +55°C
Storage Temperature	-25°C to +75°C
Degree of Protection	IP66
Hole	Yes

* Please consider powering reader with a regulated and stabilized 12V DC power source. Installation in an environment without electromagnetic noise and without the presence of metal surfaces near the reader will produce the best results.
** Within specifications.