



SX-10 RFID Reader

The SX-10 Player of AcuMifare Line can be configured to read a certain sector of data from the memory tag. Its high performance and reliability in identifying Mifare ensure the excellent performance, and practicality both in installation and configuration. The SX-10 can be installed on metal surfaces and has great durability.

Purchase Code: 500.209

• Features

The SX-10 reader is a Mifare® reader that operates in the 13.56 MHz frequency, reading labels and tags AcuMifare 1 KB and 4 KB. Can be configured to read Mifare® with MAD1 / MAD2 standard in an open system or can be configured to read the sector of user-defined data (Non-MAD) in a closed system. Have anti-collision system and 3 communication interfaces: RS-232 TTL, Wiegand or ABA-TK2, and can be installed on metal surfaces. His Wiegand output can be adjusted from 4 bits to 128 bits and shipping order (MSB or LSB). In data packet serial output RS-232 TTL, can be adjusted to the order of data transmission, Header, Reader ID and Trailer.

• Advantages

- Have anti-collision system;
- Three communication interfaces: Wiegand, RS-232 or TTL-ABA TK2 configured by software Mifare Reader Utility;
- Several configurable items in the player as baud rate, data stream (MSB or LSB), transmission ID reader behavior (color and number of beeps) and led the buzzer;
- Good resistance in outdoor environments.

• Technical Specifications

Feed	7,5 to 24 VDC
Consumption	60 mA @ 12 VDC
Interfaces de comunicação	Wiegand 4-128 bits (configurable), ABA TK2 and Serial RS-232 TTL
Reading Range*	Up to 5 cm with AcuMifare Standard
Frequency of operation	HF - 13,56 MHz
Modulation	ASK
Protocol	ISO14443A
Transponder	Reading any pack of cards and tags AcuMifare
Dimensions	43 X 77 X 16 mm
Weight	120 g
Operating Temperature	0°C to 60°C
Humidity	10% to 90% non-condensing
Protection degree	Do not apply
Instalação	External surfaces or embedded in equipment

* Assuming a regulated supply of 12V DC and stabilized, installation electromagnetic noise-free environment and without the presence of metal surfaces near the reader source.

• Dimensions [mm]

