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# RFID Reader AM-10 OEM

The Reader and Writer OEM AM-10 is the best option for integrators Mifare technology. Being a reader of last generation, has high performance and reliability, and is easily programmable. Ideal to be used internally in facilities turnstiles, clocks, etc.

Purchase Code: 100.125

## ● Features

The Reader and Writer Mifare® AM-10 OEM reads and writes tags AcuMifare line, operating at a frequency of 13.56 MHz A demo software for Windows with open source. NET or VB6 commands and high and low level integration the AM-10 to any controller, controller or microcomputer accompanies the reader. Dimensions are ultra compact, allowing for installation in a wide range devices. The AM-10 has three holes for screw fixation, and a Molex connector for communication cable and power supply. Also follows a standard antenna already tuned the product. In addition, the reader has connection via RS-232C serial interface and power supply 5 VDC or 8 to 12 VDC, without requiring configuration.

## ● Technical specifications

| | |
|---|---|
| Feed | 8 to 12V DC or 5V DC, 12V DC typically |
| Consumption | 65 mA @ 12 VDC |
| Communication interface | Serial RS-232 C |
| Reading Range* | Up to 6 cm with AcuMifare Standard |
| Frequency of operation | HF - 13,56 MHz |
| Modulation | ASK |
| Protocol | ISO14443A |
| Transponder | Reading and recording of any pack of cards and tags AcuMifare |
| Dimensions | 33 x 88 x 20 mm |
| Weight | 45 g |
| Operating Temperature | -10°C to 50°C |
| Humidity | 0% to 90% non-condensing |
| Protection degree | Do not apply |
| Installation | Only built-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.
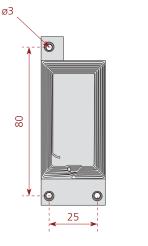
## ● Advantages

● Conexão via inteface Serial RS-232;

● Acompanha software demo e comandos de programação;

● Ideal para o uso interno em catracas, relógios de ponto e outras aplicações na área de controle de acesso;

● Ao aproximar um cartão Mifare® ISO14443A, o ID do cartão é enviado automaticamente pela serial RS-232.

## ● Dimensions [mm]



Molex Connector Plate (Wire to Board Vertical 2 mm 8-pin)

ø3

80

25

20

14

2

88

33

e-mail: sales@acuraglobal.com | Tel.: +55 11 3028-4600 | www.ACURAGLOBAL.com

Rev. A.0

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