RFID Reader AM-07

The AcuMifare AM-07 player is indicated for external use in access control where reading the card or tag is required AcuMifare applications. With modern design and small footprint, the AM-07 reader is easy to install and does not compromise the environment.

Purchase Code: 500.168

• Features

The AcuMifare AM-07 reader is extremely functional in access control applications in businesses, universities, condominiums, clubs or any other environment where reading cards or labels AcuMifare line is required. The reader operates at 13.56 MHz, has anti-collision function and three communication interfaces: RS-232 TTL, ABA TK2 and Wiegand 26 bits. It features modern design and is easy to install combining with any environment.

• Technical specifications

Feed	5-12 VDC, typically with 12 VDC
Consumption	65 mA @ 12 VDC
Communication interface	26 bit Wiegand, Magstripe (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	Read-only ID cards and tags AcuMifare
Dimensions	47 x 83 x 16 mm
Weight	120 g
Operating Temperature	-25°C to 65°C
Humidity	10% to 90% noncondensing
Protection degree	Do not apply
Installation	External surfaces

* 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.

• Data Formats

Serial ASCII (TTL RS-232)
Baud rate: 9600 bps, no parity, 8 data bits, 1 stop bit.

STX (02 HEX)	DATA (10 ASCII CHARACTERES)	CR (0D HEX)	LF (0A HEX)	ETX (03 HEX)

Emulação Magstripe (ABA Track 2)
Velocidade: simulada a 40 IPS (polegadas por segundo)

10 LEADING ZEROS	SS	DATA (14 DIGITS)	ES	LRC	10 TRAILING ZEROS

Wiegand (26 bits)

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
P	S	S	S	S	S	S	S	S	S	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	P
	E	E	E	E	E	E	E	E	E	E	E	E	O	O	O	O	O	O	O	O	O	O	O	O	
				Summed for even Parity (E)										Summed for odd Parity (O)											

• Dimensions [mm]

23,5 ø6 62 83 47 16

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