



Purchase Code: 100.025

AP-15 RFID Reader

Compact and robust, the reader AP-15 is suitable for most applications in access control using cards and tags operating at 125 kHz. Presents modern design and excellent performance with reading distances of up to 18 cm.

• Features

The AP-15 is a player of high strength and high performance, designed to be used both internally and externally. Depending on the purpose, can be wall mounted or embedded inside the turnstiles, controllers, clocks and many other applications in the area of access control without the need for complex configurations. Reaches up to 18 cm readings with cards and tags AcuProx line and allows three Communication Interfaces on the same product: RS-232 (TTL), 26-bit Wiegand and ABA TK2.

• 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)
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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
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Wiegand (26 bits)

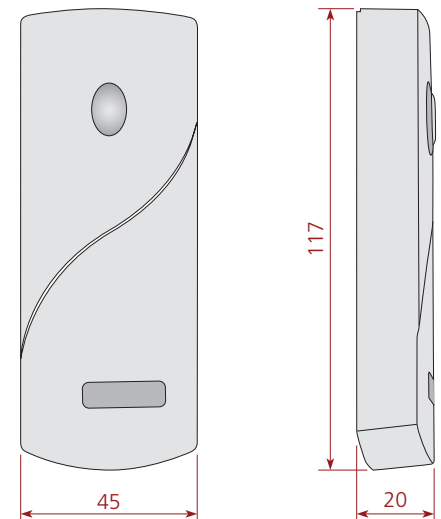
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
P	S	S	S	S	S	S	S	S	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	P
	E	E	E	E	E	E	E	E	E	E	E	E	O	O	O	O	O	O	O	O	O	O	O	O	
Summed for even Parity (E)											Summed for odd Parity (O)														

• Technical Specifications

Power	5 a 13,5 VDC, typically with 12 VDC
Consumption	60 mA @ 12 VDC
Communication Interfaces	Wiegand 26 bits, Magstripe (ABA TK2) e Baud Serial ASCII (TTL RS-232)
Reading Range*	Up to 8 cm, with an AcuProx Card ISO Up to 13 cm, with an AcuProx Card Up to 18 cm, with an AcuProx Card HP
Frequency of operation	LF - 125 kHz
Modulation	ASK
Protocol	ISO 11784/85
Transponder	Only reading cards and tags AcuProx
Dimensions	45 x 117 x 20 mm
Weight	140 g
Operating Temperature	-10° to 60°C
Protection degree	Not apply
Installation	External surfaces or embedded in equipment

* Considering power regulated and stabilized 12V DC installation electromagnetic noise-free environment and without the presence of metal surfaces near the reader source.

• Dimensions [mm]



A ACURA pode, sem aviso prévio, realizar alterações ou melhorias aos produtos, assim como interromper sua comercialização.