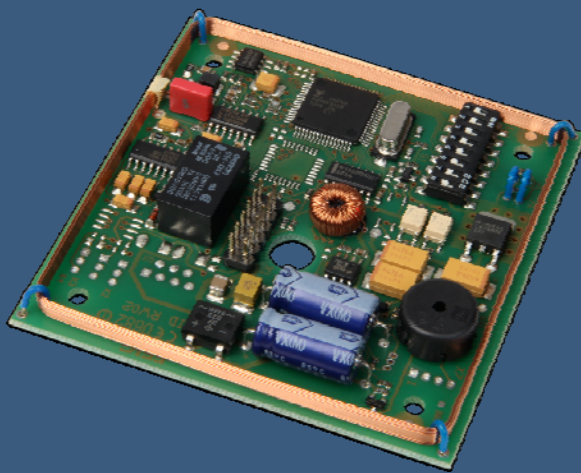


Proximity Reader Module ID RWA02.ABC-xL (125 kHz)



FEATURES

- Multi-tag reader for all common 125 kHz transponders
- Interfaces: RS232 or RS485
- Easy to integrate into handheld devices and terminals
- Reader has its own local intelligence, the most important functions of the reader can be configured to support an offline operational mode





SHORT DESCRIPTION

Order description:

ID RWA02.ABC-AL multijob reader module (RS232)

ID RWA02.ABC-AL is designed as a reader module for contactless data exchange with common 125 kHz transponders for applications like access control, time attendance and payment systems.

For power supply 12-24 V AC / DC are necessary, data exchange with a computer or other equipment is carried out via a serial RS232 interface.

The reader module has its own local intelligence. Therefore it can work both online as well as in offline mode. So it can be used as an independent reader, separated from the central host.

Scope of delivery:

- Reader module ID RWA02.ABC-AL
- Installation manual

TECHNICAL DATA

Dimensions (W x H x D)	74 mm x 74 mm x 15 mm
Weight	approx. 36 g
Operating frequency	125 kHz
Temperature range	-25 °C up to 70 °C (operation) -40 °C up to 70 °C (storage)
Relative air humidity	95 % (non-condensing)
MTBF	307.000 h
Supply voltage	12-24 V AC / DC
Current consumption	max. 2,5 W
Interface	RS232
LED	1 x Bicolor
Antenna	integrated, approx. 70 mm x 70 mm
Beeper	integrated
Relay	1 closer
Digital inputs	2 (cable length max. 3 m)
Read range	maximum 7 cm [*]
Supported transponders	125 kHz transponders ¹

¹ For example HITAG S, HITAG 1 and HITAG 2 by NXP, 555x by Temic, Unique and Q5 by Sokymat, EM 4001, EM 4002, EM 4022, EM 4102 etc.

^{*} Read ranges depend on the used transponders; here made statements relate to an inlet size of 76 x 45 mm

STANDARD CONFORMITY

Radio approval	
Europe	EN 300 330
EMC	EN 301 489
Safety	
Low voltage	EN 60950
Human Exposure	EN 50364
Environment	WEEE – 2002/96/EC RoHS – 2002/95/EC

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
Stand of information: September 2011.