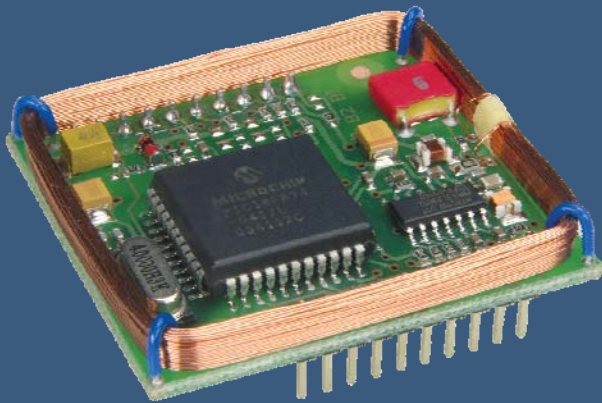# Proximity Reader Module
ID RW01L.AB-A (125 kHz)

FEATURES

➔ Multi-tag reader for all common
125 kHz transponders

➔ Interfaces: RS232-TTL and Data-
/Clock interface

➔ Very small size
(45 x 40 mm)

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SHORT DESCRIPTION

RW01L.AB-A has been especially designed for applications such as personal identification, access control and time recording.

The Multi-tag reader is equipped with a bidirectional, asynchronous interface (RS232-TTL as well as an unidirectional Data-/Clock interface, which can be operated in Wiegand- or Magnetic Card emulation.

The emulation modes of the Data-/Clock interface make it easy to change from conventional identification readers to reader type ID RW01L.AB-A.

ID RW01L.AB-A can be easily adapted tot he respective application by a software configuration.

ORDER DESCRIPTION

ID RW01L.AB-A   Reader module

TECHNICAL DATA

Dimensions (W x H x D)	45 mm x 40 mm x 16 mm (non-sealed)
Connector plug	10-pole pin terminal on the solder side (pins: 0,7 x 0,7)
Operating frequency	125 kHz
Supply voltage	5 V DC +/- 5%
Current consumption	approx. 40 mA
Antenna	integrated(42 mm x 38 mm)
Read range	Up to 8 cm with ISO transponder card
Interfaces	RS232-TTL & Data/Clock interface (Wiegand emulation and magnetic card emulation)
Supported transponders	125 kHz transponders*
Operation modes	Polling Mode & Scan Mode
Temperature range Operation Storage	–20 °C up to 70 °C –20 °C up to 70 °C

* For example. EM 4001, EM 4002, EM 4022, EM 4102, Unique, HITAG 1, HITAG S, Q5, 555x etc.