



125 kHz RFID reader for industrial applications

MiniMagic Industrie 485 and MiniMagic Industrie 232 are RFID reader devices to work with 125 kHz transponder tags, depending on the model with either RS-232 or RS-485 Interface. A Housing made of glass beads reinforced polyamide and with two PG11 fittings meets protection class IP65 specification, and will resist rugged environments as given in industrial applications.

As soon as a transponder tag is within the antenna field of the MiniMagic Industrie, its serial number will be read and issued immediately or on demand. A plain ASCII protocol simplifies integration into existing systems. Typical applications are time recording, access control and production data acquisition systems.

Technical data:

- Transponder type:
 - RS-232 - Version: EM 4102 (EM 4200, EM4002)
 - RS-485 - Version: EM 4102 (EM 4200, EM4002), HITAG-S, HITAG-1, HITAG-2
- Operating frequency: 125 kHz
- Maximum reading distance: up to 90 mm (depending on transponders coil size)
- Coupling coil: PCB coil (optional separate antenna module available)
- Interface: RS-232 or RS-485
- Communication protocol: plain ASCII
- Power supply: 9-24 V DC, max. 150 mA
- Enclosure: protection class IP65
- The enclosure offers two PG11 fittings (sealed at time of delivery)
- Dimension [mm]: approx. 98 x 64 x 43 (L x W x H)
- Weight: approx. 150 g.

For more information see www.transponder.de

(RS-232 - version) Item-no. : 77.002.0160
(RS-485 - version) Item-no. : 77.002.0161