

OEM RFID card reader module



The ProxLine OEM modules are designed for developers and integrators who need a small-sized, yet waterproof RFID module.

The OEM modules come in a small fully potted housing with soldering PINs. They can easily be integrated in terminals and other equipment, or act as the heart of your own proximity card reader.

Specifications :

- Transponder technology supported :
 - OEM-EM : 125 kHz EM4102
 - OEM-HT : 125 kHz HITAG1/2/S
 - OEM-MF : 13.56 MHz MIFARE Classic 1k/4k
 - OEM-LG : 13.56 MHz LEGIC Prime
- Interface: to be specified when ordering
 - Wiegand D0/D1 (TTL levels) (several bitblock lengths available)
 - Clock & Data (TTL levels) (several number of characters available)
 - RS232 (9600, 4800 or 2400 Bd) Asynchronous serial (RxD, TxD)
 - TTL (9600, 4800 or 2400 Bd) Asynchronous serial (RxD, TxD)
 - RS485 Asynchronous serial (RxD, TxD)
 - customer specific interfaces available on request
- Read range with standard antenna (values depending on transponder types, power supply and ambient environment)
 - on 125 kHz up to 100 mm (internal antenna)
 - on 13,56 MHz up to 80 mm (external antenna)
- Power supply :
 - on 125 kHz EM or Hitag : 5V DC \pm 5% or 9...15V DC
 - on 13,56 MHz Mifare or Legic : 5V DC \pm 5%
- Antenna :
 - Internal antenna for 125 kHz modules
 - external antenna for 13,56 MHz (standard antenna supplied with each module)
- Inputs/Outputs can be programmed customer-specific
- Duplicate read control
- Protection rate : IP65 (depending on mounting method)
- Operating temperature : -20 °C to + 60 °C
- Fully potted housing allows easy installation both in- as outdoor

Declaration of Conformity :

ProxTech International bvba hereby confirms that the product OEM-xx is in accordance with the essential demands and other relevant stipulations of the directive 1999/5/EG.

A copy of the Declaration of Conformity can be obtained upon simple request by e-mail on info@proxtech.com.