

OEM Reader Read Only - 125kHz

The iDTRONIC OEM Reader Read Only – 125kHz is a Low-cost RFID reader for Read Only type tags. It has an integrated antenna. It is available with TTL or Wiegand interface.

The iDTRONIC OEM Reader Read Only – 125kHz has a very small size (diameter 26mm). The reader is in a Plastic housing and fully filled with epoxy resin.



Applications:

- Access Control
- Production Control
- Identification

Product specification:

Dimensions:	26 × 8,5mm
Interfaces:	TTL or Wiegand
Reading distance:	up to 10cm (depending on tag size)
Decoding time:	Less then 100ms decoding time
Power supply:	5V DC (+/-5%)
Current consumption:	40mA(5V) nominal
I/O output current:	25mA sink/source
Operating temperature:	-40°C to 85°C
Supported transponders:	EM 4100 or similar
Order number:	R-MOD-ECO125

Pin specification:

PIN	NAME	I/O	DESCRIPTION
1	CP	O	Low Pulse 140ms
2	CP	O	Low Pulse 140ms
3	DATA1	O	Digital data output
4	DATA0	O	Digital data output
5	WRITE	I	Low active
6	ASCII/WIEGAND	I	HI:ASCII DEFAULT:Wiegand26
7	GLED	O	High active
8	RLED	O	Low active
9	VCC		VCC
10	GND		Ground