

## Product Datasheet

### 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:

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

Technology By:

