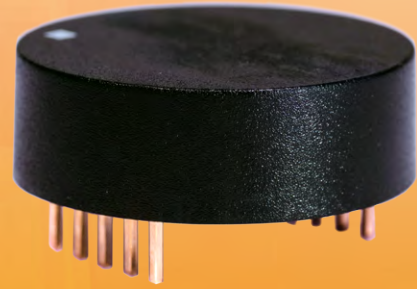


# LF Reader R810



## Applications

- Access Control
- Production Control
- Identification

## Description

The iDTRONIC Embedded LF Reader R810 is a 125 kHz RFID reader for read-only type tags. It has an integrated antenna and TTL interface.

The Reader R810 has a very small form factor (diameter 30 mm) and comes in a sealed plastic housing, filled with epoxy resin.

## Technical Data

Electrical Specifications	
Power Supply	5 VDC
Antenna	Integrated
Decoding Time	Less than 100 ms
Interface	TTL (Wiegand or Serial Protocol)

Mechanical Specifications	
Dimensions	ø 30 x 8.5 mm
Weight	approx. 20 g

Environmental Conditions	
Operating Temperature	-20°C to +75 °C
Humidity	5 % to 95 %

Supported Standards / Tags
Read-only (e.g. EM 4200)

\*Reading distance depends on tag, antenna and environmental conditions

## Order Codes

Version	Order Code
TTL	OEM-LF-R810-TTL

iDTRONIC GmbH  
Donnersbergweg 1  
67059 Ludwigshafen  
GERMANY

Phone +49 (0) 621 66 90 09 4-0  
Fax +49 (0) 621 66 90 09 4-9  
E-Mail: [info@idtronic-rfid.com](mailto:info@idtronic-rfid.com)  
Web: [idtronic-rfid.com](http://idtronic-rfid.com)

For further information & prices, please contact [info@idtronic-rfid.com](mailto:info@idtronic-rfid.com)

Subject to alteration without prior notice  
©2016 iDTRONIC GmbH