

logident[®]
**Logistic identification systems
and components**

RFID provides fast and reliable identification to track goods of all kinds - from cases, pallets and individual items in manufacturing to wholesale distribution and retail applications. deister has been at the forefront of RFID development for over three decades and has continued to lead with innovative products. deister RFID readers and transponders are used many businesses to optimize production and supply chain process or improve deployment of inventory within the retail sector. deister components are also used to identify fast moving objects such as trains and cars and are used safety and maintenance whenever a product needs to be identified.



125 kHz reader unit

The IDL 90 is designed for short reading distances. Consequently, it offers an optimum solution for most applications in industrial automation.

Its small housing dimensions ensure it can also be installed where the effective use of limited space is critical.

The rugged design and encapsulated electronics of this reader are ideally suited for harsh environments.

Your benefits at a glance:

- **Functions perfectly with LF technology in metal surroundings**
- **Read and write functions in a single device**
- **Updateable software**
- **Extensive configuration options**
- **Rugged, fully encapsulated design**

Technical data

Dimensions:	101.5 x 75.5 x 30 mm
Material:	ASA
Protection class:	IP67
Operating temperature:	-20...+70°C
Power requirement:	12...24 V/DC / 0.8 W
Frequency:	125 kHz
Reading distance:	Up to 10 cm, depending on transponder and ambient conditions.
Transponder types:	Hitag 2, Hitag S, EM 4102, EM 4001
Interfaces:	RS485