

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.

13.56 MHz read/write unit

The RDL 90 is designed for short read/writing 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.

Depending on the application it is possible to both read from and write data to transponders. For example, it is possible to use associated product information without the need to access a central database. Equipped with a trigger input and a switching output as well as extensive configuration options this reader is able to fulfil the many requirements demanded in factory automation applications.

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

Your benefits at a glance:

- **Anti-collision, simultaneously detect more than one transponder in the field**
- **Read and write functions in a single device**
- **Updateable software**
- **Extensive configuration options**
- **RDL 90 T offers digital I/Os as control inputs and control outputs**
- **Rugged, fully encapsulated design**



RDL 90

RDL 90 T

Technical data

Dimensions WxHxD:	101.5 x 75.5 x 30
Weight:	350 g
Housing material:	ASA
Protection class:	IP67
Operating temperature:	-20...+70°C
Power requirement:	12...24 VDC / max. 1.2 W
Frequency:	13.56 MHz
Transponder:	ISO 15693, I•CODE
Anti-collision:	Identification of several transponders in the reading field
Reading/writing distance:	Up to 12 cm, depending on transponder type, antenna configuration and ambient conditions.
Interface:	RS485
Trigger input:	8-30 V/DC
Switching output:	8-30 V/DC; I < 500 mA