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.

## The read/write unit for medium ranges, incl. ETF

Unique ETF developed by deister electronic. The technology – "Easy Trim Function" – makes it possible to quickly calibrate the reader to suit different environmental conditions. All it takes is a few settings and the RDL 150 T is set to the best-possible reading distance within seconds of being installed.

The reader is designed for use in "Track and Trace" applications. Goods inwards inspections and despatch or tracking production process and quality assurance: the RDL 150 T is the right solution wherever multiple transponders need to be reliably read and written simultaneously at changing distances.

Due to its compact design and integrated antenna this reading system is ideally suited for renting out processes, tracking documentation and for high-speed identification purposes.

Equipped with a trigger input and a switching output as well as extensive configuration options the RDL 150 T fully satisfies widely diverging requirements.

## Your benefits at a glance:

- **Adaptable for different installation locations**
- **Easy to install thanks to compact, flat housing with integrated antenna**
- **Read and write functions in a single device**
- **Suitable for outdoor applications**
- **Updateable software**
- **Digital I/Os as control inputs and control outputs**

## Technical data

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| **Dimensions WxHxD:** | 298 x 298 x 34 mm |
| **Weight:** | 2 kg |
| **Housing material:** | ASA |
| **Protection class:** | IP65 |
| **Operating temperature:** | -20...+70°C |
| **Relative humidity:** | 5...95%, non-condensing |
| **Power requirement:** | 12...24 VDC / max. 2 W |
| **Frequency:** | 13.56 MHz |
| **Transponder protocols:** | ISO 15693, I•CODE |
| **Anti-collision:** | Identification of several transponders in the reading field |
| **Reading/writing distance:** | Up to 40 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 |