



## RDL 150 – Middle range read/write unit with E.T.F.

These flexible RF/ID solutions from deister electronic are designed to allow fast and reliable identification of stationary and moving objects.

logident – a family of read/write units for different types of 13.56 MHz high frequency transponders (e.g. Smart Labels). Especially developed for the harsh environments in production, distribution and logistics.



### RDL 150 mit E.T.F.

#### E.T.F. - Easy Trim Function

The unique technology developed by deister electronic. Semi automatic adjustment of the reader to its operating environment. Just seconds after installation, the reader is ready to operate at best performance - with only a few settings to make.

This reader is designed for „Track and Trace“. Incoming inspection and dispatch or control of manufacturing and quality assurance: The RDL 150 is the right solution whenever it is necessary to read and write several transponders at the same time from various distances.

Due to it's digital I/O's and several configuration options, this reader meets most of the hard requirements of factory automation and logistics.

The compact design and the integrated antenna offer a wide range of applications such as lending, control of documents or high speed reading.

The ISO 15693 standard and the possibility to integrate other transponder types guarantee long-term innovations and maximum freedom of action.

- **Mounting in metal environment**
- **Easy installation** due to a compact flat housing with integrated antenna
- **ISO 15693 compatible**
- **Flash programmable** reader firmware
- **Digital I/O's**

### Technical Data

<b>Housing:</b>	290 x 290 x 28 mm
<b>Material:</b>	ABS plastic, black
<b>Protection type:</b>	IP 65 (IEC 529)
<b>Operating temperature:</b>	-20 °C...+70 °C
<b>Storage temperature:</b>	-40 °C...+70 °C
<b>Supply voltage:</b>	8...30 V/DC
<b>Power consumption:</b>	ca. 2 Watts
<b>Operating frequency:</b>	13.56 MHz
<b>Read/write distance:</b>	up to 400 mm (dependent on transponder type and the local environment)
<b>Data transmission speed:</b>	ca. 26 kBit/s
<b>Reading/writing speed:</b>	< 50 ms per block
<b>Transponder types:</b>	ISO 15693, I•CODE
<b>Trigger input:</b>	8-36 V/DC
<b>Output:</b>	6-32 V/DC; I < 500 mA 32-48 V/DC ; I < 300 mA
<b>Interface:</b>	RS 232, opt. RS 485 data rate: 9600 baud, 19200 Baud, 38400 Baud
<b>Anti-collision:</b>	recognition of up to 30 transponders in the reading field