



## RDL 30 - the short range reader in M30 sensor housing

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.

### RDL30

This reader was especially developed for factory-automation. The RDL 30 can be integrated directly into metal surfaces and narrow spaces due to its compact housing design. Depending on the type of transponder up to 992 user bytes can be stored on the chip, which provides local information about the object being tagged without the need have contact to an online central database.

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

Because of its rugged design and fully encapsulated electronics, this reader is ideally suited for harsh industrial environments.

### Your advantages at a glance:

- **Direct integration into metal surfaces**
- **ISO 15693 compatible**
- **Flash programmable reader firmware**
- **Various configuration options**
- **Digital I/O's**
- **Rugged design**



### Technical Data

<b>Housing:</b>	M30 sensor housing
<b>Dimensions:</b>	95 x 30 mm
<b>Protection type:</b>	IP67 (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>	< 1 Watt
<b>Operating frequency:</b>	13.56 MHz
<b>Read/write distance:</b>	up to 50 mm dependent on transponder type and 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>Accessories:</b>	Mounting nut