

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.

LF disc transponders

Disc transponders store your information on a microchip to which an antenna is connected. The data is either read-out wirelessly at a distance of up to 80 mm or, if required, programmed.

They utilize passive technology, so they do not require a power supply. The small, inconspicuous plastic housing can be glued or screwed in position as required. Disc transponders are encapsulated in their housing; consequently, they are resistant to temperature, weather, soiling and other environmental factors. Depending on the reading and writing distances either the smaller IDC 30 is used or the IDC 50 with which it is possible to achieve greater read/write distances.

Your benefits at a glance:

- **Encapsulated for use in harsh industrial environments**
- **Suitable for metal surroundings**
- **Suitable for read only or read/write applications**
- **Wide temperature range for use in indoor and outdoor applications**



IDC 50

IDC 30

Technical data

Dimensions:

KSC 50 Ø x D	50 x 10 mm
KSC 30 Ø x D	30 x 10 mm

Housing material:

PA 6 encapsulated in polyurethane

Protection class:

IP67

Mounting:

One screw or glued

Operating temperature:

-40...+55°C

Frequency:

125 kHz

Reading distance:

IDC 50 with IDL 90 air: Up to 80 mm

IDC 30 with IDL 90 air: Up to 60 mm

Writing distance:

IDC 50 with IDL 90 air: Up to 80 mm

IDC 30 with IDL 90 air: Up to 60 mm