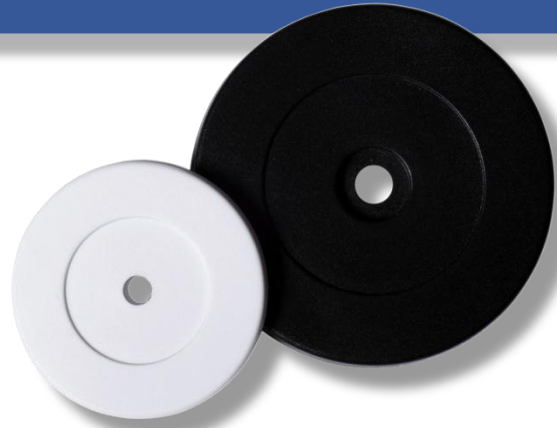


iDTRONIC On-Metal Tags are passive transponders for industrial environments. They have an integrated ferrite shielding, which minimizes the effect of metal surfaces. They perfectly fit for the identification of goods and objects in “metal” applications.

iDTRONIC's On-Metal Tags are available with 125 kHz and 13.56 MHz technology.

Applications:

- Industrial
- Warehouse



Technical Data

Mechanical Specifications

Dimensions:	Ø 35 / 5 × 4 mm Ø 52 / 5 × 8 mm
Material:	ABS
Metal Layer:	Ferrite 0.7 mm

Electrical Specifications

Frequencies:	125 kHz and 13.56 MHz
Reading Distance:	Up to 6 cm
Antenna Type:	Wired

Environmental Conditions

Application Temperature:	-40 °C to +70 °C
Humidity:	5 % to 95 %

Features

IC Types:	NXP I-Code SLI (1024 bit), NXP I-Code SLI-S (2048 bit), EM4100 (125 kHz read-only) + Other IC types on request.
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Order Codes

ST-OM-ICSLI-35 (-52)
ST-OM-4100-35 (-52)

ST-OM-ICSLIS-35 (-52)