

SMART-IDISC-TAG

The right choice for demanding conditions.



The SMARTRAC Smart-iDisc-Tag product family is a robust solution purpose-built for use in severe industrial environments.

Made of polyamide and glass fiber reinforced, the tag is the right choice for outside applications as it is very compact and resistant. It is ideal for items that need to be securely identified and that are regularly subjected to high thermal and/or mechanical stress conditions. Examples include items that pass hot water cleaning processes or are used in other high temperature environments found in some heavy industries.

Thanks to its new molding and specific modified thermoplastic, the Smart-iDisc-Tag can withstand long water immersion, chemicals and high temperatures. Equipped with an anti-collision feature it offers the advantage that several tags can be read at the same time thus accelerating and simplifying processes.

Benefits:

- ▶ Waterproof.
- ▶ Stable to high thermal and mechanical stress.
- ▶ Anti-collision feature: several tags can be read at the same time.

Overview

Operating Frequency
13.56 MHz

Integrated Circuit (IC)
NXP ICode SLIX
other ICs available on request

Tag Size
Ø 20 mm (0.79 in)
Ø 30 mm (1.18 in)
Ø 50 mm (1.97 in)

International Standards
ISO 15693
ISO 18000-3
IP67

Operating Temperature
-35 to 85°C / -31 to 185°F

Quality Assurance
100% performance tested

Application Areas

- ▶ Pallet Identification
- ▶ Warehouse Management

SMART-IDISC-TAG

Technical Features			
IC	NXP ICode SLIX		
Memory	1k bit		
Frequency	13.56 MHz		
Tag Size	Ø 20 mm / 0.79"	Ø 30 mm / 1.18"	Ø 50 mm / 1.97"
Thickness	3 mm / 0.12"	3 mm / 0.12"	3.6 mm / 0.14"
Hole Diameter	N/A	5.2 mm / 0.20"	5.2 mm / 0.20"
Qty/Package	400 tags / box	1,000 tag / box	250 tags / box
Operating Temperature	-35°C to 85°C / -31°F to 185°F		
Storage Temperature	-35°C to 100°C / -31°F to 212°F (max 168h)		
Material	Polyamide with glass fiber		
Color	Black		
IP Class	IP67		
Shelf Life: minimum of 2 years from the date of manufacture in	20°C / 68°F, 50% RH		
Additional options	Printing		



RoHS CE

For further information, please contact our sales representatives:

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