Assion Electronic

Simplify your business

TRP 13,56 MHz Industry r/w passive Tag, ø 25mm withour hole or ø 30mm with hole, I-Code SLI, 1024 bits

Product description:

- The 30mm Industry tag with multi read/write capability is small size with a centre hole and is made of ABS to meet all endurance requirements in terms of heat, harsh environments and chemical resistance. This tag is also available with a diameter of 25mm without a centre hole.

- Perform in the harshest environments including harsh chemicals, painting processes & outdoor exposure.

- Dust & waterproof

- Flexible read/write range (reader dependant)

- Insensitive to almost all non metallic materials.

Applications:

- It is widely used in supply chain, service industries, distribution logistics and manufacturing companies to identify goods & objects in an industrial environment.

- Can be used to read through obstructions including water, plastics, concrete and more.

- Suitable for factory floor manufacturing applications because of rugged construction (IP Rating).

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Technical specification:	
Chip type:	I-Code SLI 13,56 MHz, ISO/IEC 15693
	1024 bits, organized in 32 blocks of 4 byte each
	Data retention of 10 years
	Write endurance 100.000 cycles
Dimension:	1) Outer dia.: 30mm with hole → Hole dia.: 4mm → T: 3mm 2) Outer dia.: 25mm without hole → T: 2,3mm
Material:	ABS
Color:	Blue
Weight:	< 2 g
Antenna type:	Wire Antenna
Operating frequency:	13,56 MHz
Operating mode:	Passive (battery-less transponder)
Ingress protection:	IP 68
Storage temperature:	-20°C up to +85°C
Operating temperature:	-20°C up to +85°C
Transport conditions:	-40°C up to +85°C
Options:	Other IC type, size, shape and color on request
	Available with other plastic material e.g. PC/ABS
Order-No.:	**E4000.000264 → Ø 30mm → with hole** **E4000.000265 → Ø 25mm → without hole**