

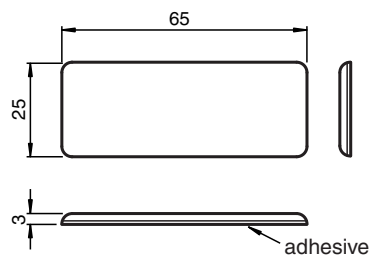


RFID Transponder IQC21-F125 10pcs

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Degree of protection IP65
- Self-adhesive mounting
- Can be mounted on metal
- Packaging unit: 10 pieces

Data carrier

Dimensions



Technical Data

General specifications		
Operating frequency		13.56 MHz
Transfer rate		26 kBit/s
Memory		
Chip Type		I-CODE SLI (NXP)
EEPROM		896 Bit
UID		64 Bit
Memory organization		4 bytes/block
Read cycles		unlimited
Write cycles		> 100000
Data retention period		50 years
Directive conformity		
Radio equipment		
Directive 2014/53/EU		EN 300330
RoHS		
Directive 2011/65/EU (RoHS)		EN 50581

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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PEPPERL+FUCHS

Technical Data

Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3

Ambient conditions

Ambient temperature	-25 ... 50 °C (-13 ... 122 °F)
Storage temperature	-25 ... 50 °C (-13 ... 122 °F)

Mechanical specifications

Degree of protection	IP65
Material	
Housing	ABS + Epoxy
Installation	
On metal	yes
In air	yes
Construction type	Rectangular type
Note	Packaging unit, 10-piece

Function

The IQC21-F125 read/write tag has been specifically designed to be mounted directly to metal. The adhesive backing is 3M type 467. The product should be applied to a thoroughly cleaned and dried surface. Typical cleaning solvents are heptane* for oily surfaces or isopropyl alcohol for plastics. Use reagent grade solvents since household materials like rubbing alcohol frequently contain oils. This can interfere with the performance of the pressure-sensitive adhesive. Provide 10-15 psi during installation so adhesive comes in direct contact with metal/plastic. Use a hard edged plastic tool to help provide the necessary pressure for proper bonding to surface. Proper adhesive application temperature is in the range 60 °F (15.6 °C) to 100 °F (38 °C). It is not recommended to apply the tag to any surface below 50 °F (10 °C) because the adhesive becomes too firm to adhere readily.

*Carefully read and follow the manufacturer's precautions and directions when using solvents.

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