



RFID Transponder

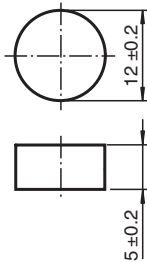
IQC21-12 50pcs

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Degree of protection IP67
- Packaging unit: 50 pieces

Data carrier



Dimensions



Technical Data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	I-CODE SLIX (NXP)
EEPROM	896 Bit
UID	64 Bit
Memory organization	4 bytes/block
Read cycles	unlimited
Write cycles	> 100000
Data retention period	50 years at 55 °C (131 °F)

Directive conformity

Radio equipment	
Directive 2014/53/EU	EN 300330
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000

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	-20 ... 85 °C (-4 ... 185 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

Storage temperature		-20 ... 85 °C (-4 ... 185 °F)
Mechanical specifications		
Degree of protection		IP67
Material		
Housing	PC (Polycarbonate)	
Encapsulation compound		Epoxy
Installation		
On metal		yes
In air		yes
Dimensions		
Height	5 mm	
Height tolerance		± 0.2 mm
Diameter	12 mm	
Diameter tolerance		+ 0.2 mm
Construction type		Cylindrical
Note		Packaging unit, 50-piece

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