

RFID Transponder

IQC21-8 10pcs

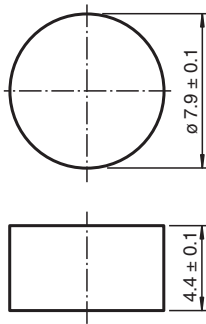


- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Degree of protection IP67
- Packaging unit: 10 pieces

Data carrier



Dimensions



Technical Data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	I-CODE SLIX (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)	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

Release date: 2024-06-14 Date of issue: 2024-06-14 Filename: 263240_eng.pdf

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

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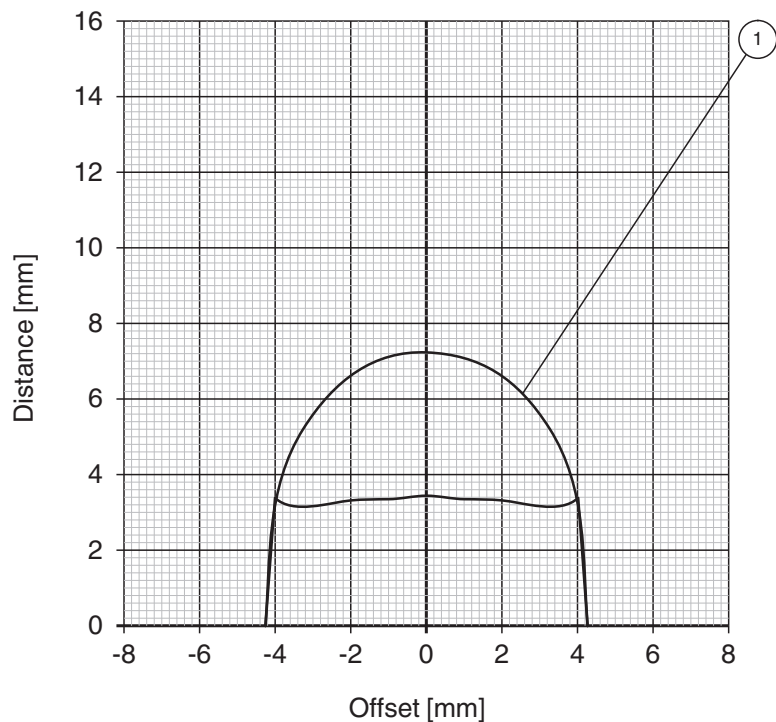
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 **PEPPERL+FUCHS**

Technical Data

Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Degree of protection		IP67
Material		
Housing		PBT
Encapsulation compound		CY 221/HY 2966
Installation		
In metal		yes
On metal		yes
In air		yes
Dimensions		
Height		4.4 mm
Height tolerance		± 0.1 mm
Diameter		7.9 mm
Diameter tolerance		± 0.1 mm
Construction type		Cylindrical
Note		Packaging unit, 10-piece

Reading range in steel IQC21-8



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- ① IQH1-18GM-V1 ② IQH1-F61-V1 ③ IQH1-FP-V1
④ IQH1-F15-V1