



RFID Transponder

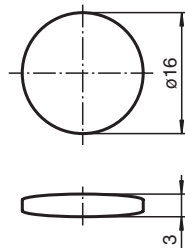
IQC21-16 50pcs

- Operating frequency 13.56 MHz
- 896 bits memory available
- 64 bit Fixcode
- Readable and writable from both sides
- Packaging unit: 50 pieces

Data carrier



Dimensions



Technical Data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Color	white

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

Release date: 2024-07-03 Date of issue: 2024-07-03 Filename: 261617_eng.pdf

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

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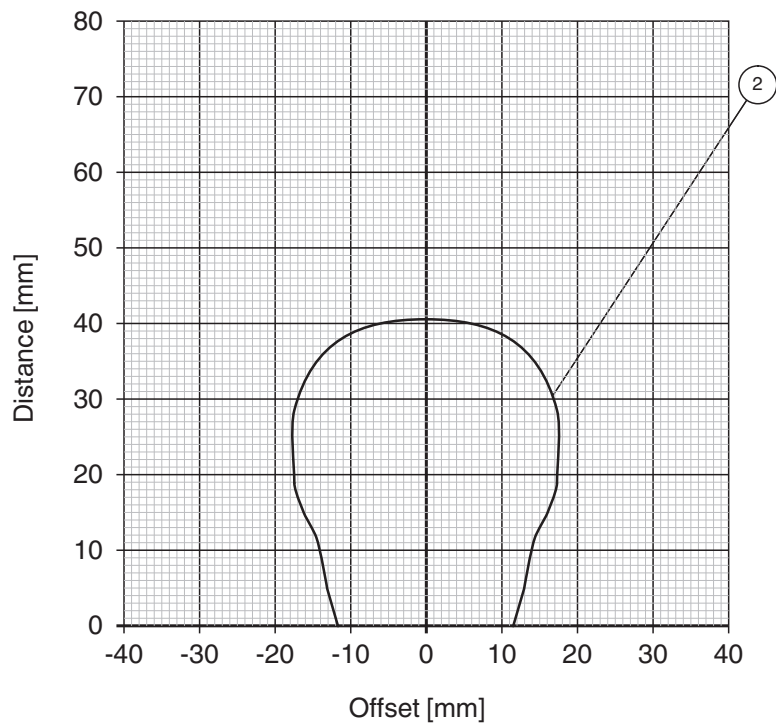
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Technical Data

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 ... 85 °C (-13 ... 185 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F) 120 °C for 100 h 220 °C for 30 s
Mechanical specifications		
Degree of protection		IP68
Material		
Housing		PPS
Installation		
In air		yes
Mass		1 g
Dimensions		
Height		3 mm
Height tolerance		± 0.2 mm
Diameter		16 mm
Diameter tolerance		± 0.2 mm
Construction type		Cylindrical
Note		Packaging unit, 50-piece

Reading range in air IQC21-16



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

Application

The transponder can be read and written from either side.

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