



RFID Transponder

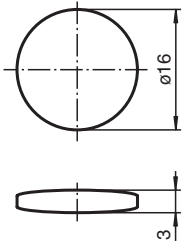
IQC51-16 50pcs

- Operating frequency 13.56 MHz
- 2400 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	ICODE 3 (NXP)
EEPROM	2400 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

Ambient conditions

Release date: 2026-07-30 Date of issue: 2026-07-30 Filename: 70207349_eng.pdf

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

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Technical Data

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature	-40 ... 90 °C (-40 ... 194 °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

Application

The transponder can be read and written from either side.

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