



RFID Transponder

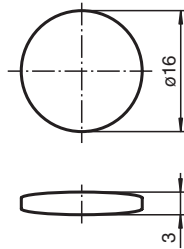
IQC33-16 50pcs

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

Data carrier



Dimensions



Technical Data

General specifications

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

Memory

Chip Type	FRAM MB89R118 (Fujitsu)
FRAM	16 kBit
UID	64 Bit
Memory organization	8 bytes/block
Read cycles	unlimited
Write cycles	unlimited
Data retention period	10 years

Directive conformity

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

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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 ... 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

Housing height		2.9 mm ± 0.1 mm
Housing diameter		16 mm ± 0.2 mm
Degree of protection		IP68
Material		
Housing		PPS
Installation		
In air		yes
Mass		1 g
Construction type		Cylindrical
Note		Packaging unit, 50-piece

Application

The transponder can be read and written from either side.