

# RFID Transponder

## IPC11-12 50pcs

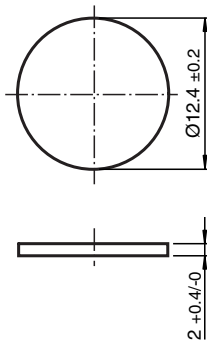


- Battery-free data carrier
- 40 bit fixcode free programmable
- Readable and writable from both sides
- Degree of protection IP68
- Packaging unit: 50 pieces

Data carrier



### Dimensions



### Technical Data

General specifications	
Operating frequency	125 kHz
Transfer rate	2 kBit/s
Memory	
Chip Type	Q5 (Atmel)
EEPROM	40 Bit
Read cycles	unlimited
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 18000-2
Ambient conditions	
Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 70144022\_eng.pdf

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

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## Technical Data

Storage temperature	-40 ... 130 °C (-40 ... 266 °F) for 1000 hours ≤ 150 °C (423 K) for 24 hours -20 ... 160 °C (253 ... 433 K) for 100 x 10 minutes with transposition in 30 seconds
<b>Mechanical specifications</b>	
Housing height	2 mm
Housing diameter	12.4 mm
Degree of protection	IP68
Material	
Housing	PPS and Epoxy (black)
Installation	
In air	yes
Construction type	Cylindrical
Note	Packaging unit, 50-piece

## Application

The transponder can be read and written from either side.