

# RFID Transponder

## IPC11-12

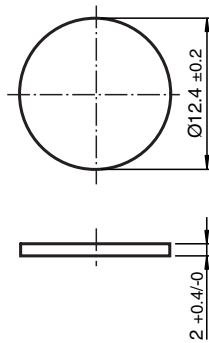


- Battery-free data carrier
- 40 bit fixcode free programmable
- Readable and writable from both sides
- Degree of protection IP68

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)	EN 50581
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-2
Ambient conditions	

Release date: 2020-03-20 Date of issue: 2020-03-27 Filename: 123702\_eng.pdf

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

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## Technical Data

Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
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>	
Degree of protection	IP68
Material	
Housing	PPS and Epoxy (black)
Installation	
On metal	yes
In air	yes
Construction type	Cylindrical

## Application

The transponder can be read and written from either side.

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