

RFID Transponder

IPC11-12

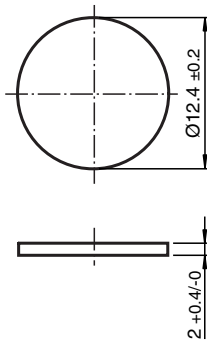


- Battery-free data carrier
- 40 bit fixcode free programmable
- Readable and writable from both sides
- Degree of protection IP68

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)	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: 2021-10-01 Date of issue: 2021-10-01 Filename: 123702_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

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
Mechanical specifications	
Housing height	2 mm
Housing diameter	12.4 mm
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.

Release date: 2021-10-01 Date of issue: 2021-10-01 Filename: 123702_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com