



RFID Transponder

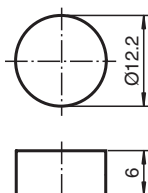
IPC03-12.4 10pcs

- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Flush mounting in metal
- Degree of protection IP67

Data carrier



Dimensions



Technical Data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s

Memory

Chip Type	EM4450 Titan (EM Microelectronic)
EEPROM	928 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years at 55 °C (131 °F)

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

Release date: 2020-03-24 Date of issue: 2020-03-27 Filename: 70117777_eng.pdf

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

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Technical Data

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Degree of protection	IP67
Material	
Housing	PBT
Encapsulation compound	CY 221/HY 2966

Installation

In metal	yes
On metal	yes
In air	yes

Mass	2 g
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Construction type	Cylindrical
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Note	Packaging unit, 10-piece
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Mounting

The surface containing the text must face the read/write head.

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