

RFID Transponder

IPC02-20P

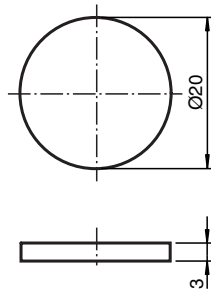


- Battery-free code carrier
- 40 bit fix code
- Readable from both sides
- Potted housing
- Degree of protection IP67 / IP68 / IP69K

Code carrier



Dimensions



Technical Data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s

Memory

Chip Type	EM4102 Unique (EM Microelectronic)
Read 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

Standard conformity

Degree of protection	EN 60529
RFID	ISO/IEC 18000-2

Ambient conditions

Ambient temperature	-20 ... 85 °C (-4 ... 185 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Storage temperature		-20 ... 85 °C (-4 ... 185 °F)
Mechanical specifications		
Housing height		3 mm
Housing diameter		20 mm
Degree of protection		IP68 / IP69K
Material		
Housing		PC (Polycarbonate)
Encapsulation compound		Epoxy
Installation		
In air		yes
Construction type		Cylindrical

Application

The transponder can be read from either side.

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