

RFID Transponder

IPC02-16

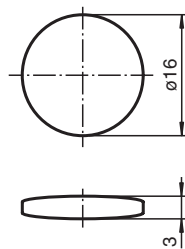


- Battery-free code carrier
- 40 bit fix code
- Readable from both sides
- Degree of protection IP68

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)	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: 112426_eng.pdf

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

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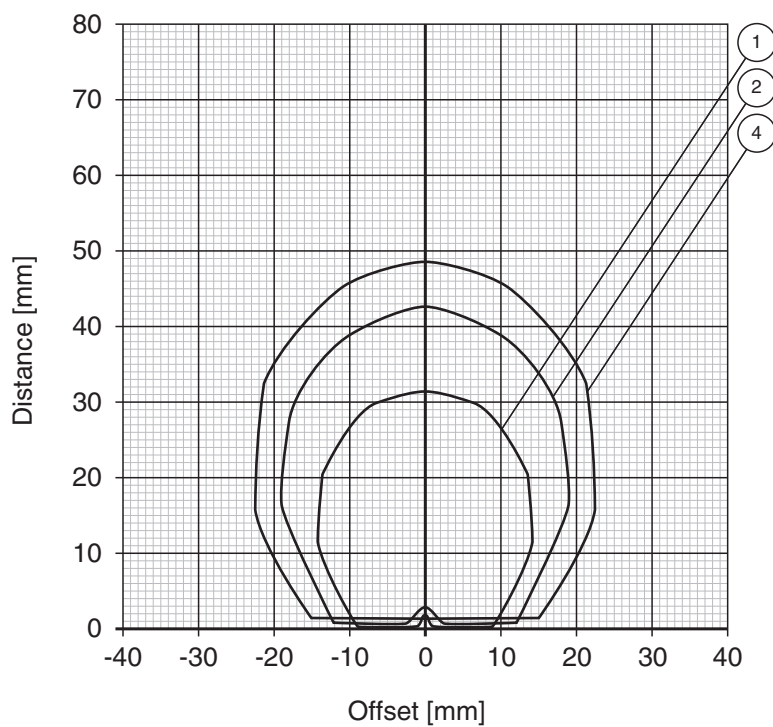
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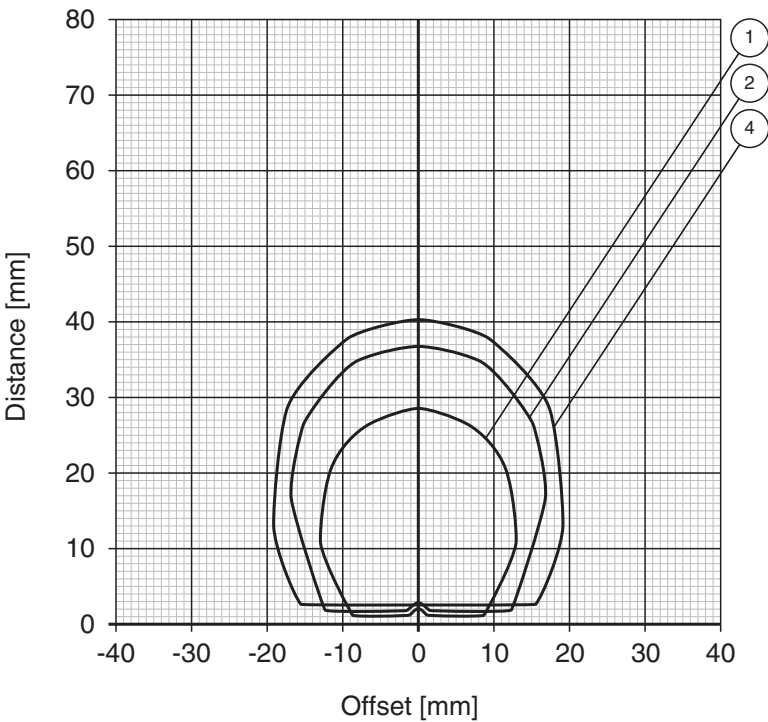
Technical Data

Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Storage temperature	-25 ... 100 °C (-13 ... 212 °F)
Mechanical specifications	
Degree of protection	IP68
Material	
Housing	Epoxy (black)
Installation	
In air	yes
Construction type	Cylindrical

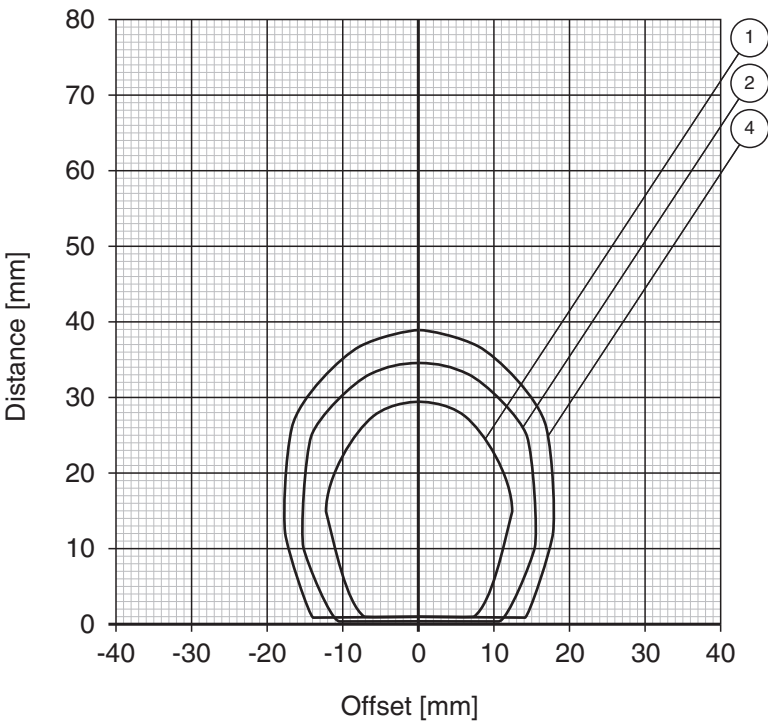
Read distance in air IPC02-16



Reading range on aluminium IPC02-16



Reading range on steel IPC02-16



- 1

IPH-18GM-V1
- 3

IPH-F61
- 5

IPH-FP-V1
- 7

IPT1-FP-V1
- 2

IPH-30GM-V1
- 4

IPH-L2-V1
- 6

IPH-F15-V1

Matching system components

	IVZ-MH15	Mounting aid for code/data carriers
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Application

The transponder can be read from either side.

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