



### Model Number

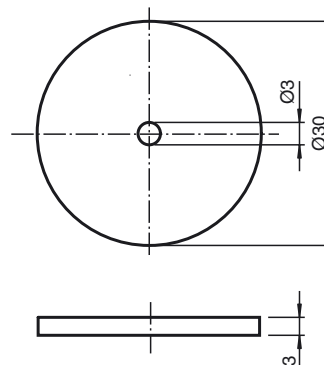
**IPC03-30P**

Data carrier

### Features

- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Readable and writable from both sides
- Mounting holes for simple installation
- Degree of protection IP67 / IP68 / IP69K

### 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)

#### Standard conformity

Degree of protection	EN 60529:2000
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#### Ambient conditions

Ambient temperature	-20 ... 100 °C (-4 ... 212 °F)
Storage temperature	-20 ... 100 °C (-4 ... 212 °F)

#### Mechanical specifications

Degree of protection	IP68
Material	
Housing	PC (Polycarbonate)
Installation	
In air	yes
Construction type	Cylindrical

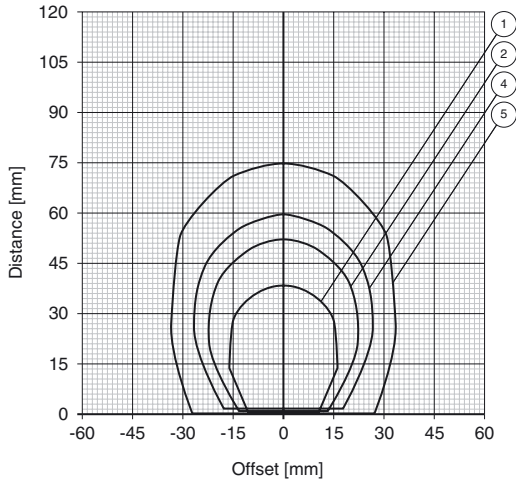
### Notes

The transponder can be read and written from either side.

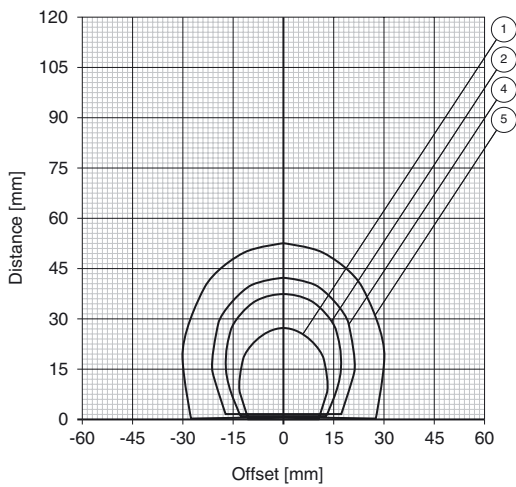
**Read/write distances**

- 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

Reading range in air IPC03-30..

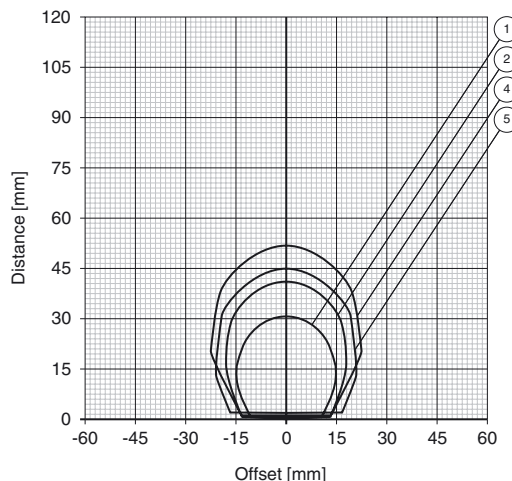


Writing range in air IPC03-30..

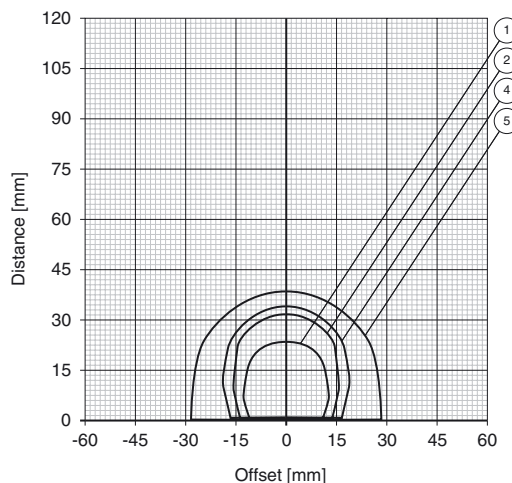


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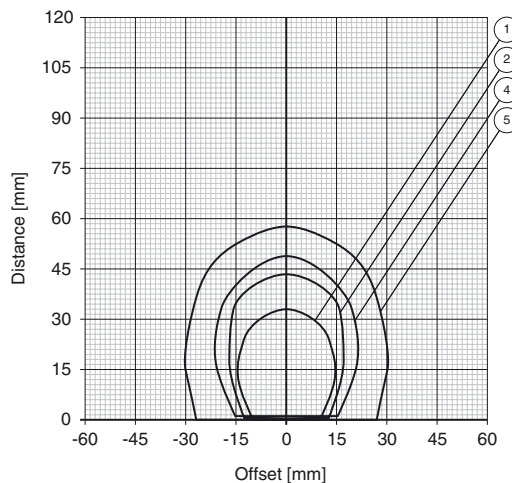
Reading range on aluminium IPC03-30..



Writing range on aluminium IPC03-30..



Reading range on steel IPC03-30..



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

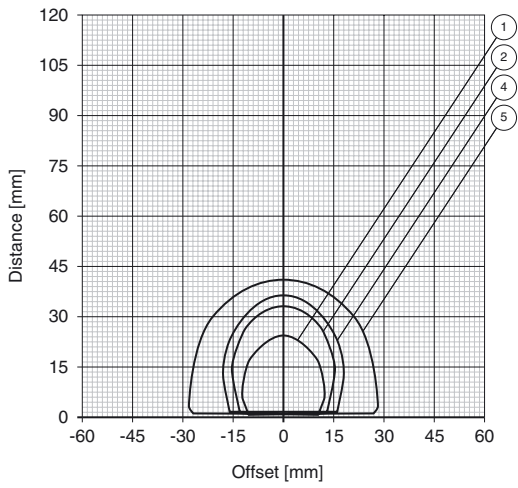
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Writing range on steel IPC03-30..



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