



Model Number

IPC03-30GK-T1

Data carrier

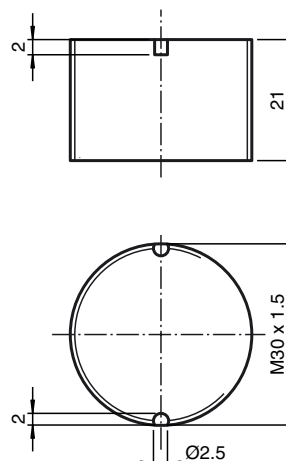
Features

- Battery-free data carrier
- 32 bit fixcode
- 928 bits memory available
- Flush mounting in metal
- Degree of protection IP67
- Protective cap ICS-30GK available

Accessories

IVZ-30G-EW

Dimensions



Technical data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s
Read distance	
Write distance	

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	-25 ... 110 °C (-13 ... 230 °F)
Storage temperature	-40 ... 150 °C (-40 ... 302 °F)

Mechanical specifications

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

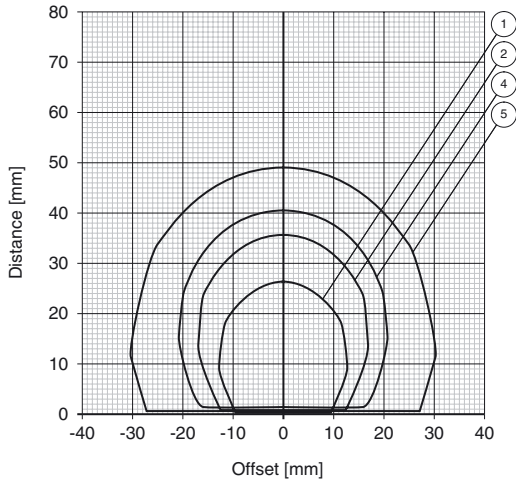
Notes

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

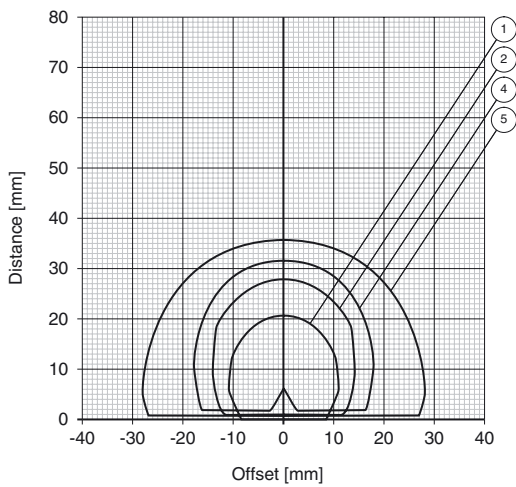
Read/write distances

- 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 IPC03-30GK

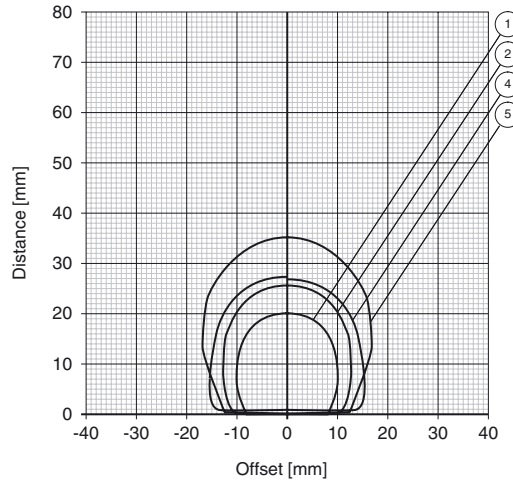


Writing range in air IPC03-30GK

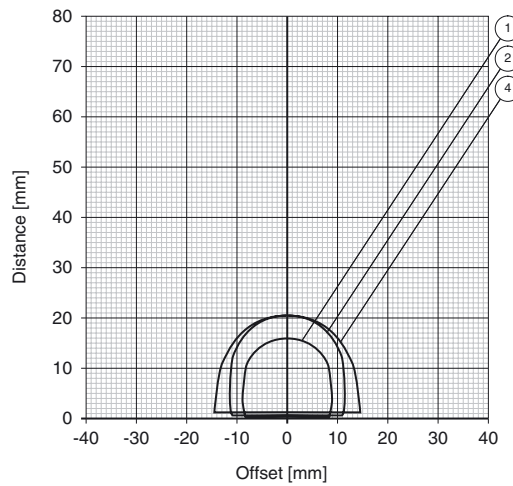


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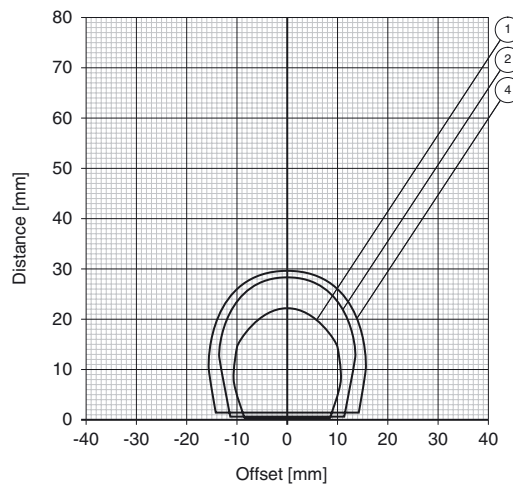
Reading range mounted flush in aluminium IPC03-30GK



Writing range mounted flush in aluminium IPC03-30GK



Reading range mounted flush in steel IPC03-30GK



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

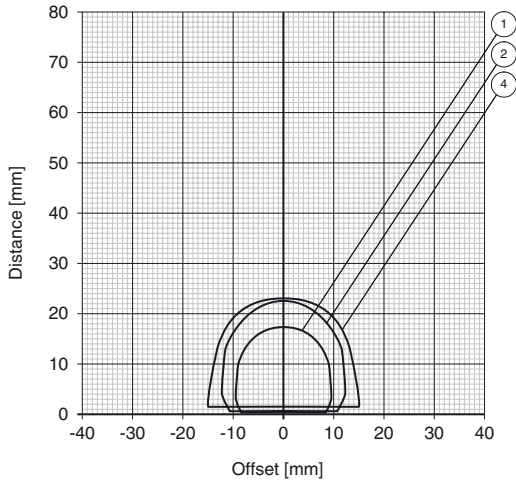
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Writing range mounted flush in steel IPC03-30GK



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