

Model Number

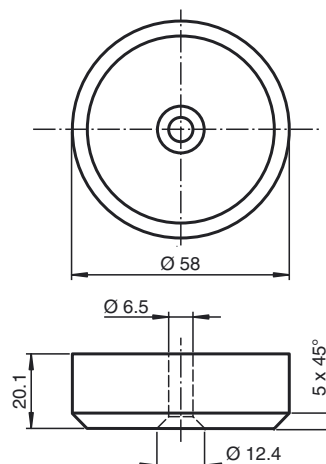
IPC03-58

Data carrier

Features

- Battery-free data carrier
- 32 bit fixcode
- 928 bits computer memory available
- Protection degree IP67
- Mounting holes for simple installation
- High resistance against water, chemicals, transformer oil, petrol and heating oil

Dimensions



Technical data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s

Memory

Chip Type	EM4450 Titan (EM Microelectronic)
Type/Size	EEPROM 928 Bit ROM 32 Bit
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years at 55 °C (131 °F)

Ambient conditions

Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Storage temperature	-25 ... 120 °C (-13 ... 248 °F)

Mechanical specifications

Protection degree	IP67
Material	
Housing	PA 6 (Polyamid)
Encapsulation compound	Polyurethane (PUR)

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529

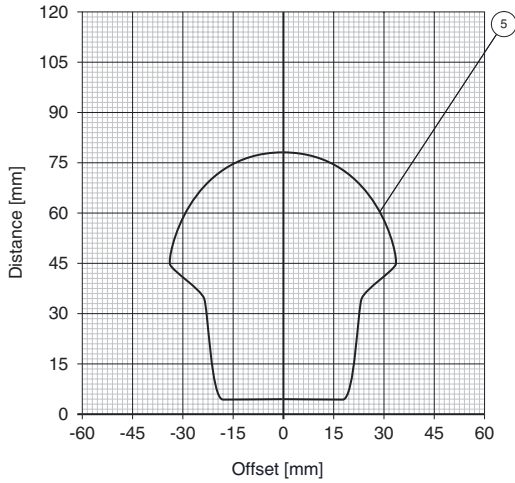
Notes

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

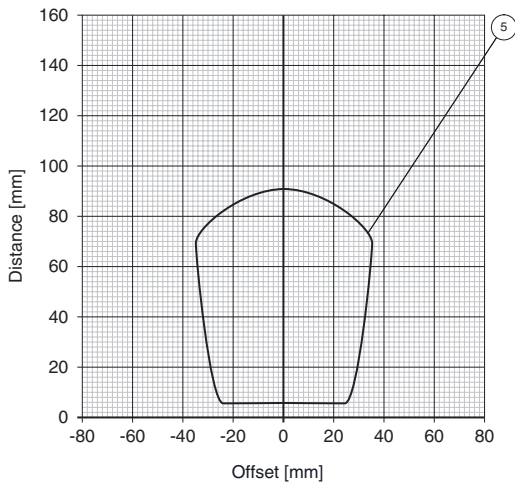
Read/write distances

- 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 IPC03-58

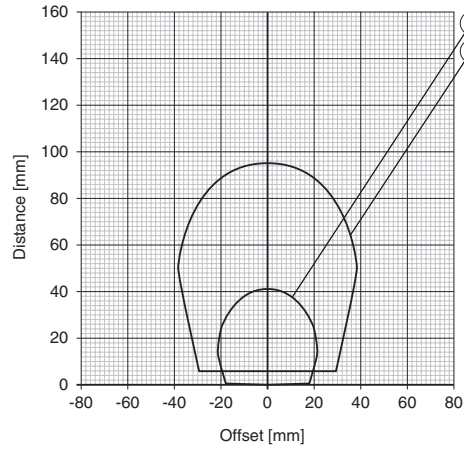


Writing range in air IPC03-58

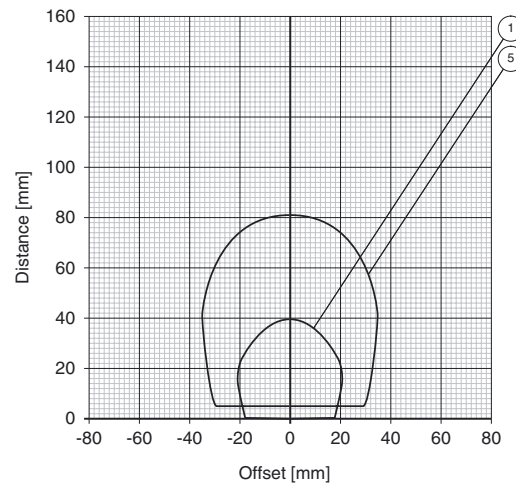


Release date: 2011-07-19 10:02 Date of issue: 2012-02-28 182162_eng.xml

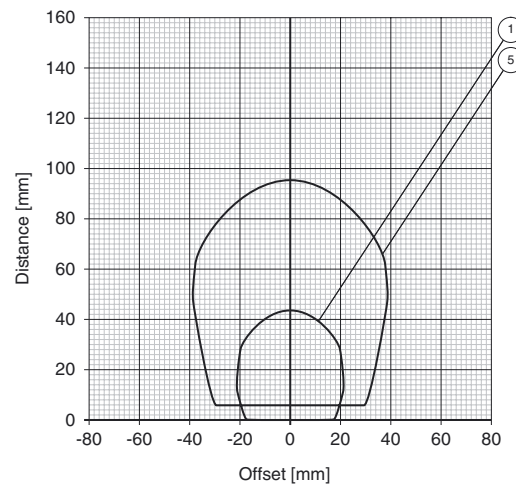
Reading range on aluminium IPC03-58



Writing range on aluminium IPC03-58



Reading range on steel IPC03-58



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Subject to modifications without notice

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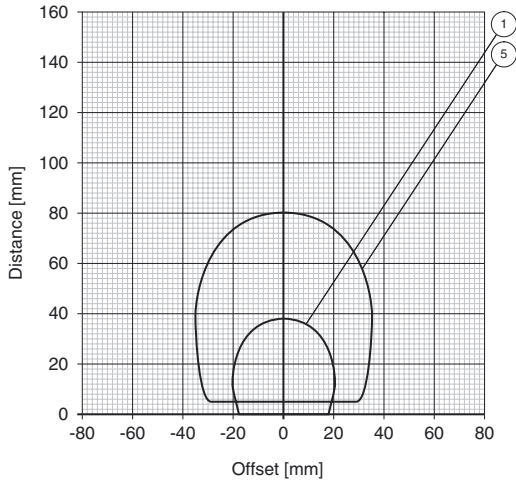
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Writing range on steel IPC03-58



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