

Model Number

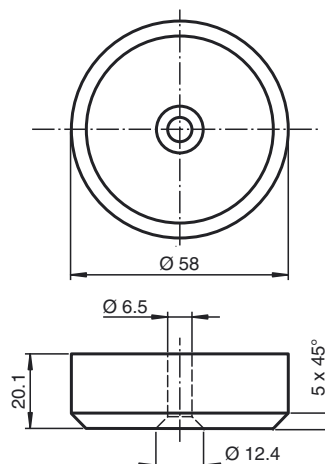
IQC21-58

Data carrier

Features

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits 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	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	I-CODE SLI (NXP)
Type/Size	EEPROM 896 Bit ROM 64 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 ... 85 °C (-13 ... 185 °F)

Mechanical specifications

Protection degree	IP67
Material	
Housing	ABS
Encapsulation compound	Polyurethane (PUR)

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529
RFID	ISO/IEC 15693-1:2010 , ISO/IEC 15693-2:2006 , ISO/IEC 15693-3:2009 , ISO/IEC 18000-3

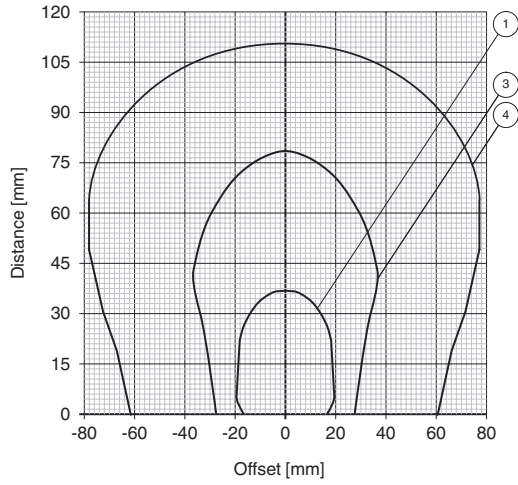
Notes

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

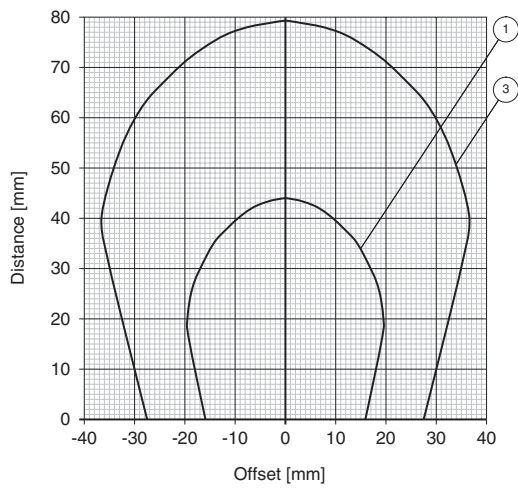
Read/write distances

- ① IQH1-18GM-V1 ② IQH1-F61-V1 ③ IQH1-FP-V1
- ④ IQH1-F15-V1

Reading range in air IQC21-58



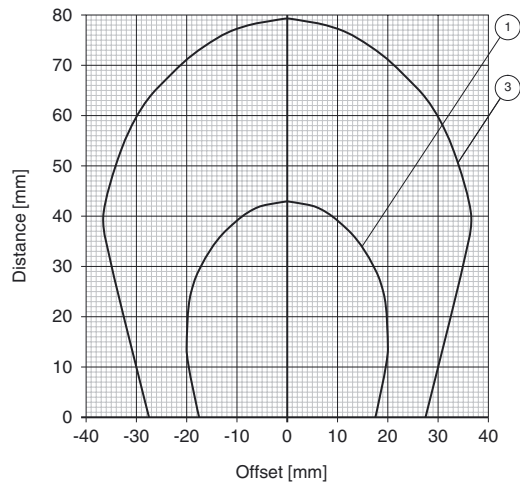
Reading range on aluminium IQC21-58



Release date: 2012-08-23 08:46 Date of issue: 2012-08-23 184884_eng.xml



Reading range on steel IQC21-58



Release date: 2012-08-23 08:46 Date of issue: 2012-08-23 18:4884_eng.xml

Subject to modifications without notice

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