



RFID Transponder

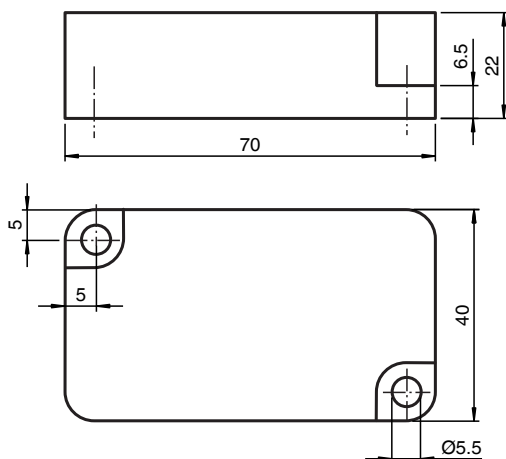
IQC37-F162

- Memory 8 kByte
- Readable and writable from the printed side
- Degree of protection IP67

Data carrier



Dimensions



Technical Data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	FRAM MB89R112 (Fujitsu)
FRAM	8 kByte
UID	64 Bit
Memory organization	32 bytes/block
Read cycles	unlimited
Write cycles	unlimited
Data retention period	10 years

Directive conformity

Radio equipment	
Directive 2014/53/EU	EN 300330
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000

Standard conformity

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 262962_eng.pdf

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

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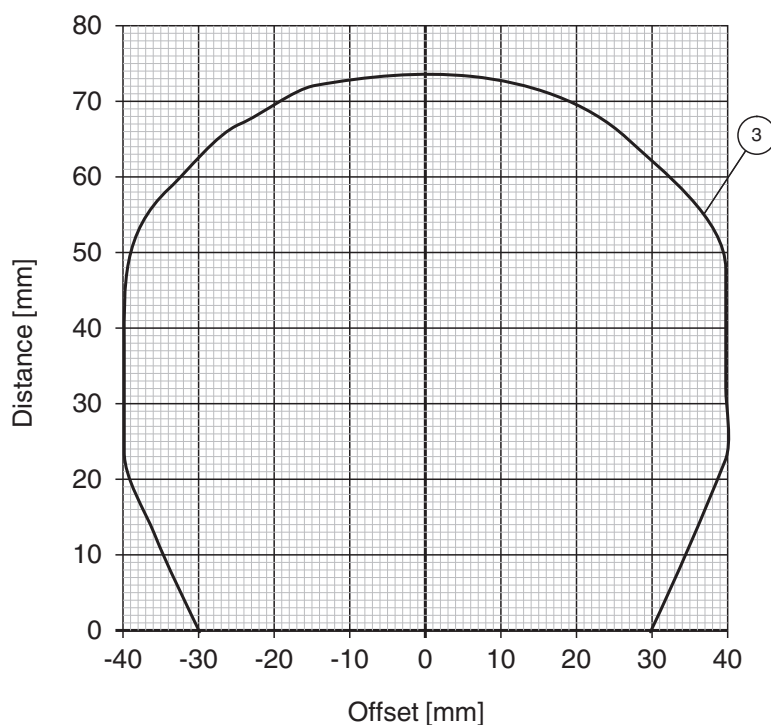
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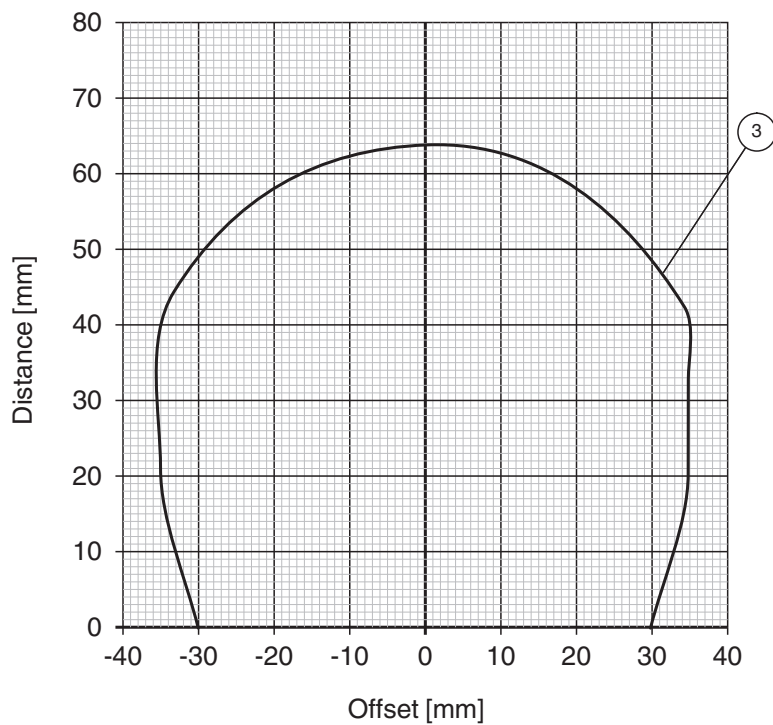
Technical Data

Degree of protection	EN 60529
RFID	ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications	
Housing length	70 mm
Housing width	40 mm
Housing height	22 mm
Degree of protection	IP67 according to EN 60529
Material	
Housing	PBT
Encapsulation compound	WEVO 403FL/300
Installation	
On metal	yes
In air	yes
Mass	87 g
Construction type	Rectangular type

Reading range in air IQC37-F162



Reading range on steel IQC37-F162



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

Mounting

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

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