



Model Number

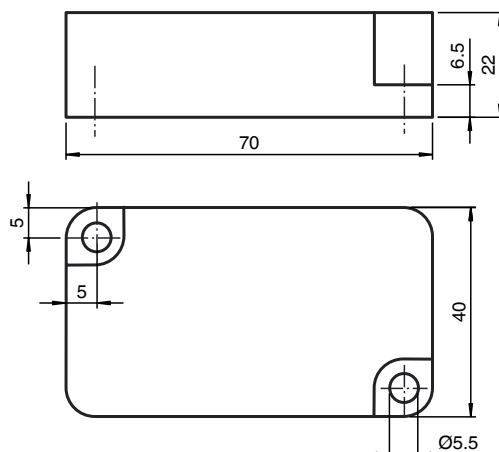
IQC37-F162

Data carrier

Features

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

Dimensions



Technical data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	FRAM MB89R112 (Fujitsu)
Type/Size	FRAM 8 kByte, fixcode 64 Bit
Read cycles	unlimited
Write cycles	unlimited
Data retention period	10 years

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Degree of protection	IP67 according to EN 60529
Material	
Housing	PBT
Encapsulation compound	WEVO 403FL/300
Mass	87 g

Compliance with standards and directives

Directive conformity	
R&TTE Directive 1995/5/EC	EN 300330-2:2010 V1.5.1
Standard conformity	
Electromagnetic compatibility	EN 300330-2:2010 V1.5.1
Degree of protection	EN 60529:2000
RFID	ISO/IEC 15693-1:2010, ISO/IEC 15693-2:2006, ISO/IEC 15693-3:2009, ISO/IEC 18000-3:2008

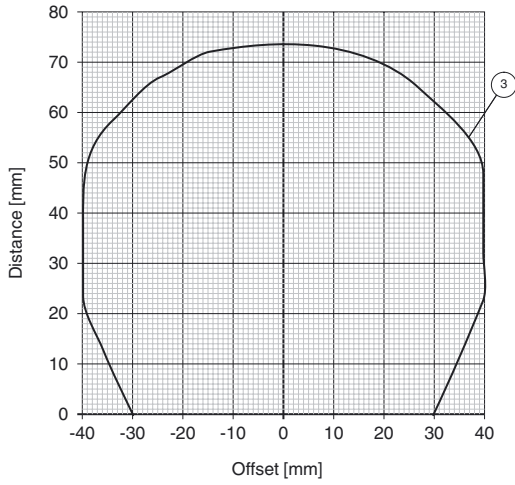
Notes

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

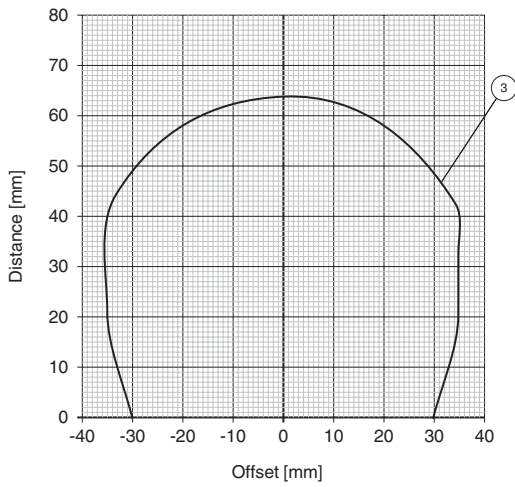
Read/write distances

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

Reading range in air IQC37-F162



Reading range on steel IQC37-F162



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