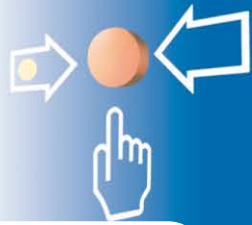


Monitor Module RF

FI700/RF/M1IN



- **Bi-directional digital communication with RF Interface FI700/RF/W2W**
- **Line-monitored input**
- **High range of radio transmission – up to 3km**
- **Long battery life – up to 5 years**
- **Batteries included**



Description

The Monitor Module FI700/RF/M1IN serves for the connection of line-monitored contact detectors to an RF fire detection system FI700/RF. That allows easy integration of various devices, such as manual call points or supervising contacts, into a fire detection system with RF transmission.

The module communicates with the fire detection control panel via a loop RF Interface FI700/RF/W2W or a conventional RF Interface FI700/RF/CWE. The radio module is especially suitable for areas where cabling is impossible or uneconomical.

The input for the contact detector is monitored for wire breakage and short circuit. The two-coloured LED display indicates the alarm and fault condition of the module.

For the bi-directional data transfer, 7 data channels in the 868MHz frequency band are available. During the learning phase, the module address is set in the range 2 to 240 by means of a PC software.

Two batteries which serve as power supply, are inserted into the module. Normally, the module is powered by the main battery. However, if the main battery fails, the secondary battery powers the module. Both batteries are included.

The Monitor Module FI700/RF/M1IN is integrated in a white module box and is designed for indoor surface mounting.

Specifications

Power supply	lithium battery 3V, type CR123 as main battery lithium battery 3V, type CR2032 as secondary battery
Battery life	max. 5 years (main battery) approx. 2 months (secondary battery, after failure of main battery)
Range of radio transmission (free air)	max. 200m max. 3km with expanders
Frequency band	868MHz
Ambient temperature	-30°C to +55°C
Protection class (in combination with module box)	IP65
Dimensions L x W x H	135 x 95 x 57 (mm)
Colour	grey

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Weight (without batteries)	210g
Order number	249267
Order name	Monitor Module 1xIn/700/RF FI700/RF/M1IN

Lithium Battery CR123

Order number	249215
Order name	Lithium Battery 3V CR123

Lithium Battery CR2032

Order number	249218
Order name	Lithium Battery 3V CR2032

RF monitor module with outer housing

The Monitor Module FI700/RF/M1IN/BOX/MINI is available as version with a different housing design. The module is integrated into a compact white housing, which is additionally installed in a robust grey plastic outer housing. This housing with protection class IP65 is protected against ingress by dust or water and offers plenty of room for connecting the monitored contact.

In applications with less space or with higher aesthetic demands, the white module housing can be taken out and installed without the outer housing.



Specifications

Power supply	lithium battery 3V, type CR123 as main battery lithium battery 3V, type CR2032 as secondary battery
Battery life	max. 5 years (main battery) approx. 2 months (secondary battery, after failure of main battery)
Range of radio transmission (free air)	max. 200m max. 3km with expanders
Frequency band	868MHz
Ambient temperature	-30°C to +55°C
Protection class (outer housing)	IP65
Dimensions L x W x H	
inner housing white	109 x 37 x 29 (mm)
outer housing grey	135 x 95 x 57 (mm)
Weight (without batteries)	
inner housing white	45g
with outer housing grey	210g
Order number	249262
Order name	Monitor Module 1xIn/700/RF FI700/RF/M1IN/BOX/MINI

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