



# FI100



## REMOTE INDICATOR LAMP'S INSTRUCTION MANUAL

### GENERAL DESCRIPTION

The **FI100** remote indicator unit is designed for fire detection systems requiring local indication of an individual or a group of fire detectors in alarm utilising a LED having a wide area of illumination and an high / off contrast.

The **FI100** is a LED optical repeater, for both conventional and analogue fire detectors, that eliminates the necessity to install two types of devices. It combines small dimensions, high efficiency and low power consumption. The **FI100** is controlled and powered directly by the detector.

### APPLICATION

An **FI100**, placed outside a room which is protected by fire detectors, allows its fast localization if an alarm condition arises. The device can be mounted on a wall or a ceiling.

### TECHNICAL SPECIFICATIONS

Current rating	4.5 mA @ 24Vdc line
Housing material	ABS
Transparent window color	Red
Maximum wire gauge	2.5 mm <sup>2</sup>
Operating temperature	From -30 °C to +70 °C
Dimensions	80 mm x 80 mm x 27 mm
Weight	30 grams
Mounting	Flush
IP rating	IP42

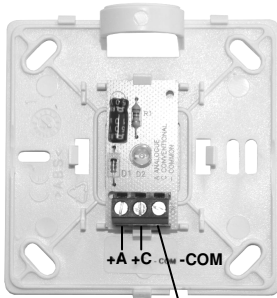


### CAUTION

Electrostatic sensitive device

Observe precautions when handling and making connections

FI100 - Inside view



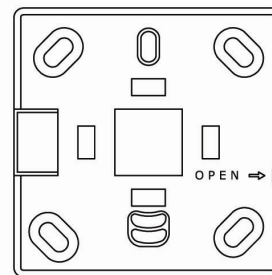
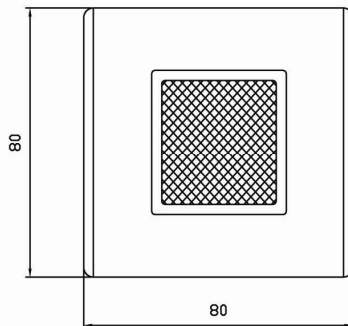
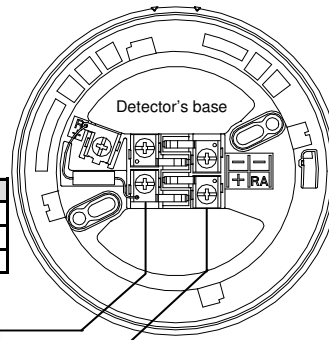
### WIRING INDICATIONS

Before starting with the wire's connection, ensure that the system is switched off; refer to table 1 for **FI100** terminal's connection.

FI100's terminals	Detector's type
+A	ANALOGUE +
+C	CONVENTIONAL +
- COM	COMMON -

Table 1

Or +A or +C: see table 1



### WARRANTY

All devices are supplied with the benefit of a limited 3 year warranty relating to faulty materials or manufacturing defects effective from the production date indicated on each product. This warranty is invalidated by mechanical or electrical damage caused in the field by incorrect handling or usage. Product must be returned via your authorized supplier for repair or replacement together with full information on any problem identified.

Full details on our warranty and product's return policy can be obtained upon request.