MG-9000 series intelligent analogue addressable fire detectors

Intelligent analogue addressable fire detectors, offering high performance by the VIP communication protocol, provide a high level of reliability as result of stable detection feature.

Features

01. Compatible with EN 54-2 and EN 54-4
02. Twin fire alarm indicators for 360° viewing
03. 'Soft' addressable by use of address programmer
04. Remote indicator output
05. Communication interrupt for fast fire alarm detection in 1.5 sec
06. Stable sensitivity
07. PCB protected by metal case
08. Protection from electromagnetic interference
09. MG-3510 series mounting base compatible
10. MG-3600 series recessed mounting base compatible
11. MG-3700 series surface mounting back box compatible
12. Microprocessor controlled
13. Clamp terminals to ensure firm contact with the base
14. Produced by use of surface mount technology

MG-9100 Intelligent analogue addressable photo-electric smoke detector

Photo-electric smoke detector utilises the light scatter sensing principle. It has an infrared light source, which emits signals and a photo-diode, which senses the scattering light with the effect of smoke entering the chamber. The chamber is designed for protection from dust, insects and other external interferences.

MG-9200 Intelligent analogue addressable ionisation smoke detector

Ionisation smoke detector has twin room ionisation chamber to prevent the interference of excessive humidity and heat. One of the rooms functions as reference and the other as the sampling one. The chamber is designed for protection from dust, insects and other external interferences.

MG-9300 Intelligent analogue addressable heat detector

Heat detector detects temperature change by temperature-sensitive thermistors. The detector can function either as a fixed heat or rate of rise heat detector. The design of the chamber provides sensitive ambient temperature measurement.

MG-9400 Intelligent analogue addressable multisensor detector (photo-electric smoke + heat)

The multi-sensor has a photo-electric smoke detection chamber and a temperature-sensitive thermistor. The chamber is designed for protection from dust, insects and other external interferences. The design of the chambers provides maximum sensitivity to smoke and temperature change.

MG-3700 Surface mounting back box

MG-3700 Surface mounting back box is used at media with harsh weather conditions. Back box is surface mounted.

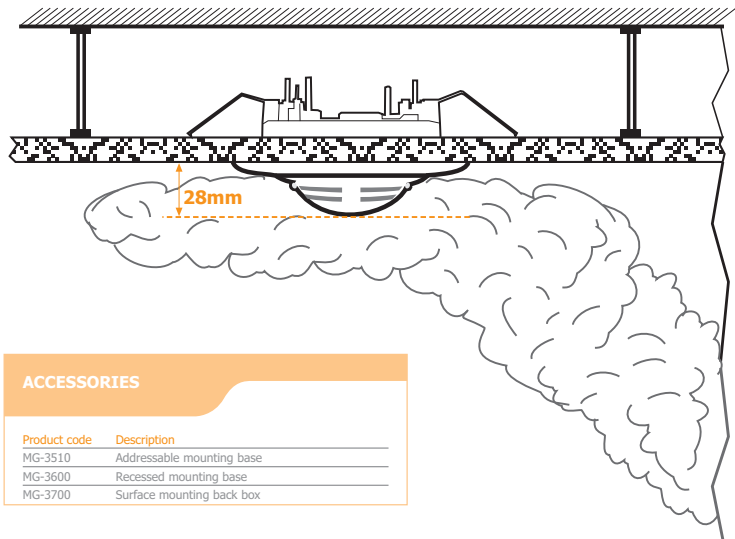### MG-3510 Addressable mounting base

Latest MG- 3510 Analogue addressable mounting bases are compatible with MG-9000 series analogue addressable detectors. Remote indicator output is standard for MG series detectors. Addressable mounting base has Ni-Cd coated corrosion-proof clamp type contacts. It is used for wall and ceiling mounted applications.

MG-3600 Recessed mounting base

Recessed mounting base is used for mounting conventional as well as analogue addressable detectors on false ceilings of various types (metal, plaster etc.). The base allows creating more aesthetic architectural applications. Bases are produced from ABS and have the same colour as detectors. Bases are flush-mounted into ceiling with two clamps and stainless steel screws.

The smoke effect results in the accumulation of smoke at the ceiling. When detectors are zeroed at the exact level of ceiling, it is more difficult to detect the accumulated smoke. In order to prevent this result, MG-3600 Recessed mounting base has been designed, after fire simulations and precise tests.

28mm

DETECTOR MODELS	
Product code	Description
MG-9100	Photo-electric smoke detector
MG-9200	Ionisation smoke detector
MG-9300	Heat detector
MG-9400	Multisensor detector (photo-electric smoke + heat)

ACCESSORIES	
Product code	Description
MG-3510	Addressable mounting base
MG-3600	Recessed mounting base
MG-3700	Surface mounting back box