

## MG / MGR-2000 series conventional fire detectors

Produced by use of surface mount technology providing highly stable and sensitive detection.

### Features

01. Compatible with EN 54-5 and EN 54-7
02. Stable sensitivity
03. MGR models with relay output
04. Twin fire alarm indicators for 360° viewing
05. Protection from electromagnetic interference
06. Clamps terminals to ensure firm contact with the base
07. PCB protected by metal case
08. MG-3500 Conventional mounting base compatible
09. MG-3600 Recessed mounting base compatible
10. MG-3700 series surface mounting back box compatible
11. Remote indicator output
12. In MGR series normally close relay output as standard (normally open relay is also available)



The chamber is protected from dust, insects and other external interferences.

### MG-2100 Photo-electric smoke detector

#### MGR-2100 Photo-electric smoke detector with relay output

Photo-electric smoke detector has an infrared photoelectric smoke detection chamber which utilises the infrared light scatter sensing principle.



### MG-2200 Ionisation smoke detector

#### MGR-2200 Ionisation smoke detector with relay output

Ionisation smoke detector has twin room ionisation chamber to prevent the interference of excessive humidity and heat.

Heat detectors detects temperature change by temperature-sensitive thermistors. Design of the detector provides fast response to heat rise.



### MG-2300 Rate of rise heat detector

#### MGR-2300 Rate of rise heat detector with relay output

The detector can function either as a fixed heat or rate of rise heat detector. Fire alarm signal is generated in case of 30°C /min or higher heat rise and/or on reaching the threshold of 60°C.

### MG-2400 Fixed heat detector

#### MGR-2400 Fixed heat detector with relay output

The fire alarm signal is generated on reaching the threshold of 60°C.



### MG-2500 Multi-sensor

#### MGR-2500 Multi-sensor with relay output

#### (Photo-electric smoke detector + heat detector)

Multi-sensor has an infrared photoelectric smoke detection chamber utilising the infrared light scatter sensing principle and a temperature-sensitive thermistor. The detection chamber is protected from dust, insects and other external interferences. Design of the detector provides fast response to smoke and heat rise.



### MG-3500 Conventional mounting base

The bases are compatible with MG/MGR-2000 series conventional detectors. Remote indicator output is standard for MG series detectors. MG-3500 Conventional mounting bases has Ni-Cd coated corrosion-proof clamp type contacts and clamp terminals ensure firm contact with the base.





#### 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.



#### MG-3700 Surface mounting back box

MG-3700 Surface mounting back box is used in harsh weather conditions, especially at marine usage, for surface mounting applications.



MG-3600 Recessed mounting base is compatible with the use on false ceilings of various types and creates much more aesthetic view in applications.

#### STANDARD CONVENTIONAL FIRE DETECTOR MODELS

Product code	Description
MG-2100	Photo-electric smoke detector
MG-2200	Ionisation smoke detector
MG-2300	Rate of rise heat detector
MG-2400	Fixed heat detector
MG-2500	Multi-sensor (photo-electric smoke detector + fixed heat detector)

#### CONVENTIONAL FIRE DETECTOR MODELS WITH RELAY OUTPUT

Product code	Description
MGR-2100	Photo-electric smoke detector with relay output
MGR-2200	Ionisation smoke detector with relay output
MGR-2300	Rate of rise heat detector with relay output
MGR-2400	Fixed heat detector with relay output
MGR-2500	Multi-sensor (photo-electric smoke detector + fixed heat detector) with relay output

#### ACCESSORIES

Product code	Description
MG-3500	Conventional mounting base
MG-3600	Recessed mounting base
MG-3700	Surface mounting back box

