

ML-2110/M

MAXLOGIC LLOYD CERTIFICATED CONVENTIONAL OPTICAL SMOKE DETECTOR

ML-2110/M Lloyd certificated Conventional optical smoke detectors have high sensitivity and stability through microprocessor control. Detector utilizes the scattered light sensing principle. If smoke has been the inside of optical chamber, smoke particles inside the chamber collide with transmitter beams and they fall on to the receiver. False alarms are prevented by advanced algorithm before the generated fire signal. Detectors are suitable for indoor use.



PRODUCT FEATURES

- Compatible with EN 54-7
- Microcontroller based design
- Stable sensitivity
- Advanced software prevents from false alarms
- Pollution control, compensation and alert
- Low optical measurement result warning
- Low power consumption
- Protection from electromagnetic interference.
- Twin red fire alarm indicators for 360° viewing (It lights up continuously in case of fire, flashes once in every an average of 8 seconds in normal operation, flashes twice in 8 seconds in case of pollution and fault.)
- Compatible with all standard conventional fire alarm systems
- User friendly and easy mounting
- Durable construction against mechanical impact
- Compatible with ML-0140/M series mounting bases
- Compatible with ML-0141/M series mounting base with buzzer
- Compatible with ML-0121/M series surface mounting back box
- Compatible with ML-0150/M series recessed mounting base

TECHNICAL SPECIFICATIONS

Supply Voltage	10V - 30V DC
Detection Source	Optical chamber
Quiescent Current (max.)	95 μ A
Alarm Current (max.)	40mA
Remote Indicator Output (max.)	45 mA
Remote Indicator	MG-4000
Alarm Indicator	2 Red LEDs
Operation Temperature Range	(-10°C) - (+50°C)
Storage Temperature Range	(-30°C) - (+60°C)
Maximum Humidity	%95 (+40°C non-condensing)
Dimensions (incl. base)	\varnothing :106 mm, h:51 mm
Weight (incl. base)	145 gr
Compatible Sockets	ML-0140/M, ML-0141/M, ML-0121/M, ML-0150/M
Cable	1x2x0.8+0.8JH(st)H / 1x2x1.5+1.5JH(st)H

CONNECTION DIAGRAM

ML-21XX/M Series LLOYD Certificated Conventional Fire Detector's Mounting Base Connection Diagram

