

ML-2140

MAXLOGIC CONVENTIONAL MULTISENSOR DETECTOR

ML-2140 Conventional multisensor detectors have high sensitivity and stability through microprocessor control. Detectors have both of smoke chamber and temperature detection component. Thus, If the ambient temperature reaches 60°C or there is a temperature increase specified in EN 54-5 standard and/or if there is smoke in the optical chamber, the fire is detected and fire alarm signal is generated. In both cases, 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 ve EN 54-5
- 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 series maxlogic mounting bases
- Compatible with ML-0141 series mounting base with buzzer
- Compatible with ML-0121 series surface mounting back box
- Compatible with ML-0150 series recessed mounting base

TECHNICAL SPECIFICATIONS

Supply Voltage:	10V-30V DC
Detection Source:	Optical chamber and Dual thermistor
Quiescent Current (max.):	120 μ A
Alarm Current (max.):	40mA
Remote Indicator Output (max.):	45mA
Remote Indicator:	MG-4000 Remote Indicator
Alarm Indicator:	2 Red LED
Operation Temperature Range:	(-10°C) - (+50°C)
Storage Temperature Range:	(-30°C) - (+60°C)
Maximum Humidity:	%95 (+40°C non-condensing)
Dimensions (incl. ML-0140 base):	\varnothing :106mm, h:51mm
Weight (incl. base):	141 gr
Compatible Sockets:	ML-0140
Cable:	1x2x0,8+0,8JH(st)H / 1x2x1,5+1,5JH(st)H
Heat Detector Class:	A1R

CONNECTION DIAGRAM

ML-21XX Series Conventional Fire Detector's Mounting Base Connection Diagram

