



SUMMARY

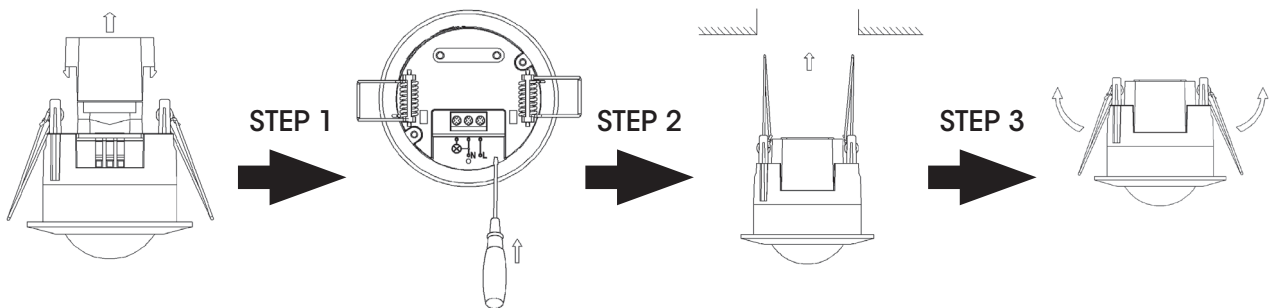
The FMS-12064-M Microwave Sensor is an active motion detector, emitting high frequency electro-magnetic waves, and receives their echo. A microprocessor then triggers the "switch light ON" command. Detection is possible through doors, panes of glass or thin walls in most applications. This is an ultra-reliable sensor, especially as there are no gaps in the detection zone.

SPECIFICATIONS

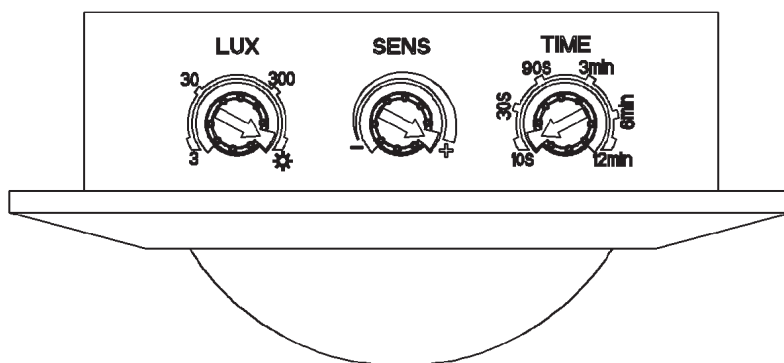
Power Source:	220V - 240VAC
Power Frequency:	50Hz/60Hz
Ambient Height:	3 - 2000 LUX (Adjustable)
Time delay:	Min 10sec±3sec Max 12min±1min
Rated Load:	1200W (Incandescent) 300W (Fluro)
Detection distance:	1-8m (radius), adjustable
Detection range:	360°
Installation height:	1.5m - 3.5m
Power Consumption:	Approx 0.9W
Detection Motion Speed:	0.6-1m/s
Warranty:	5 year

INSTALLATION

1. Switch off the power
2. Open the transparent vinyl cover which is at bottom of the sensor.
3. Loose the screws in the connection terminal, and then connect the power and rated load to connection terminal of sensor according to connection sketch map.
4. Tighten the screw and put the transparent vinyl cover into the original location
5. Fold the metal spring of the sensor upwards, until they are in "I" position with sensor, and then put the sensor into the hole or installation box which is on the ceiling and has the similar size with the sensor. Releasing the spring, the sensor will be set in this installation position.
6. After finishing installing, the sensor could be connected to the power and tested.



TESTING



- Turn the LUX dial clockwise to maximum ☀. Leave the sensitivity at maximum (+).
- In this position, the sensor will operate both in daylight and night.
- The sensitivity dial, adjusts the range. On maximum(+). it will have an approx 8m range.
- As desired, reduce the lux level to the desired level. Some testing may be necessary, as the nature of a microwave sensor, is very sensitive.
- If the LUX dial is close to the 3, the sensor will only operate at night.

WARNING

All electrical installations must be carried out by a suitably qualified and registered electrician