

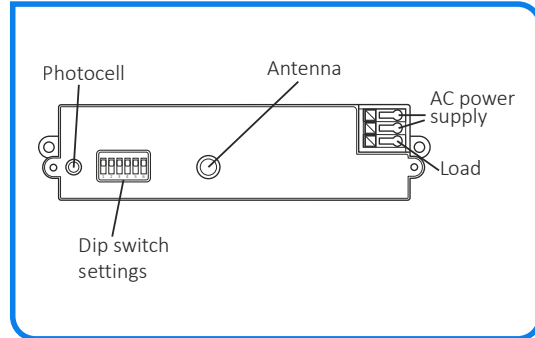
## FXS08 MICROWAVE SENSOR - ROD ANTENNA



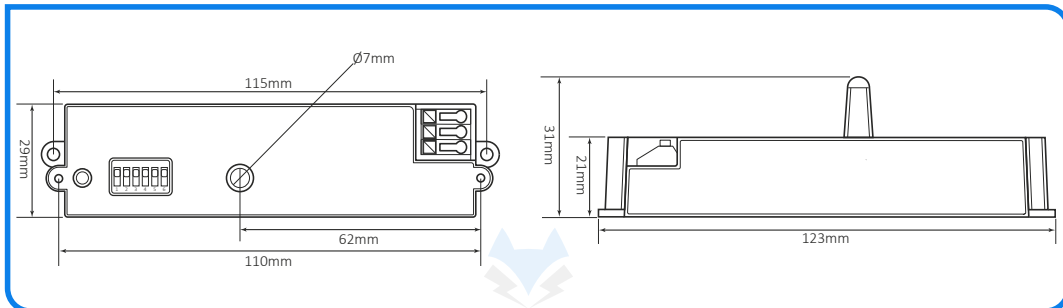
### FEATURES

- Specially designed to be mounted behind a metal gear tray
- Daylight monitoring with onboard photocell
- Settings via dip switches

### KEY ELEMENTS



### DIMENSIONS



### Technical Data

Operating Voltage	220-240V AC 50-60Hz
Rated Load	300W
Standby Power	<0.5W
Sensor Technology	Microwave
Mounting Height	2.5-3.5m
Detection Radius	2 to 10m
Operating Temperature	-15°C to 60°C
IP Rating	IP20

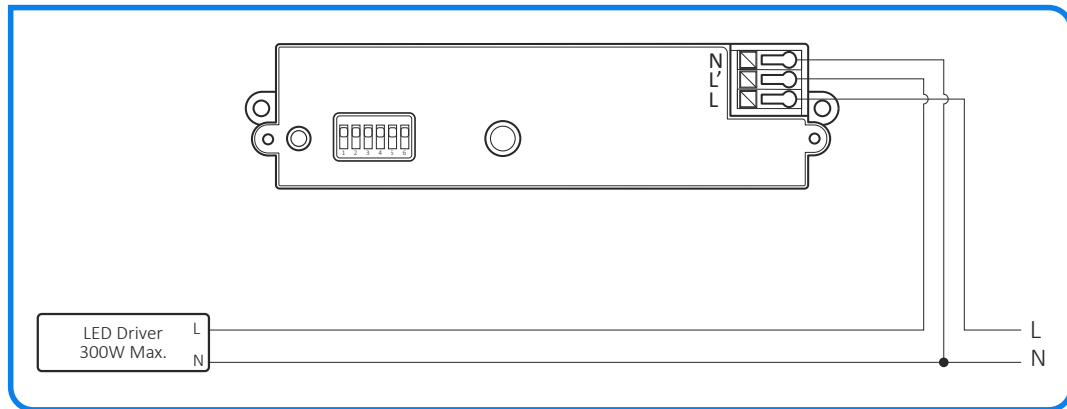
### Logistics Information

Product Dimensions	123 x 29 x 31mm
Net Weight	0.05kg
Box Dimensions	130 x 50 x 50mm
Gross Weight	0.06kg
Carton Qty	80pcs
Carton Dimensions	525 x 270 x 225mm
Carton Weight	5.50kg
Commodity Code	8536508090

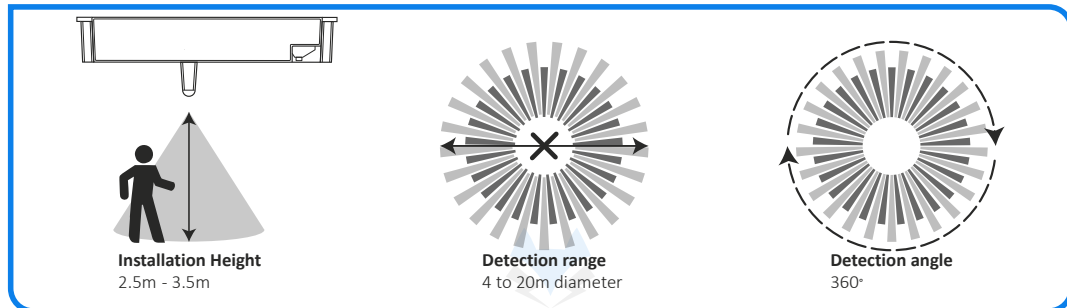
### Materials

Housing	Polycarbonate
Finish	Mat
Colour	White

### WIRING

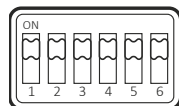


### DETECTION



## DIP SWITCH SETTINGS

This sensor can be set up with dip switches found on the sensor. Each section controls different settings depending on the combination of switches. Graphic to the right displays the full row of dip switches and which position indicates on or off.



### Sensitivity - Switch 1 / 2

The sensitivity can be adjusted between 25% (low sensitivity) and 100% (high sensitivity)



#### 1 2 Sensitivity

On	On	100%
On	Off	75%
Off	On	50%
Off	Off	25%

### Hold Time - Switch 3 / 4 / 5

The sensor will continue to provide power for a duration of time after the last motion was detected.

If any motion is detected within the set duration time the sensor will reset the timer.

This duration can be adjusted from 10 seconds up to 30 minutes.



#### 3 4 5 Hold Time

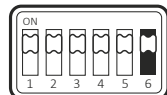
Off	Off	Off	10s
Off	Off	On	1min
Off	On	Off	3min
Off	On	On	5min
On	Off	Off	10min
On	Off	On	15min
On	On	Off	10min
On	On	On	30min

### Lux Control - Switch 6

The Sensor includes a photocell which can be used to limit the operation depending on the ambient light level.

When set to 100 lux the sensor will only operate during the hours of darkness.

When set to disable the sensor will operate regardless of the ambient light levels.



#### 6 Lux

On	Disable
Off	100lux

SYMPTOM	CAUSE	SOLUTION
Sensor will not work	- Incorrect lux control setting - No power to sensor - Faulty sensor	- Check "lux control" setting - Check power supply - Replace sensor
Sensor is continuously activated	- Movement is detected continuously - Duration setting too long	- Check "sensitivity" settings - Check "duration" setting
Sensor activates without any noticeable movement	- Sensor is experiencing local vibrations - Sensor is detecting unseen movement behind wall or obstruction	- Check sensor is securely mounted - Reduce "sensitivity" setting
Sensor will not detect motion	- Detection is blocked by metal work - Motion is too far away or too fast	- Check the sensor is not obstructed - Increase "Sensitivity" setting

