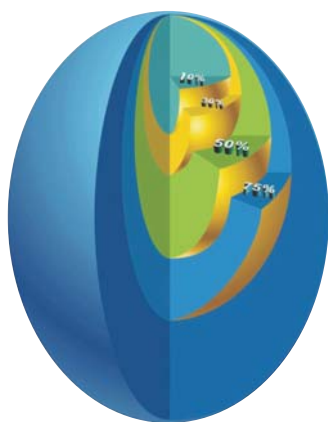


Medium Range Version

Model: HC008S /M



medium range /M

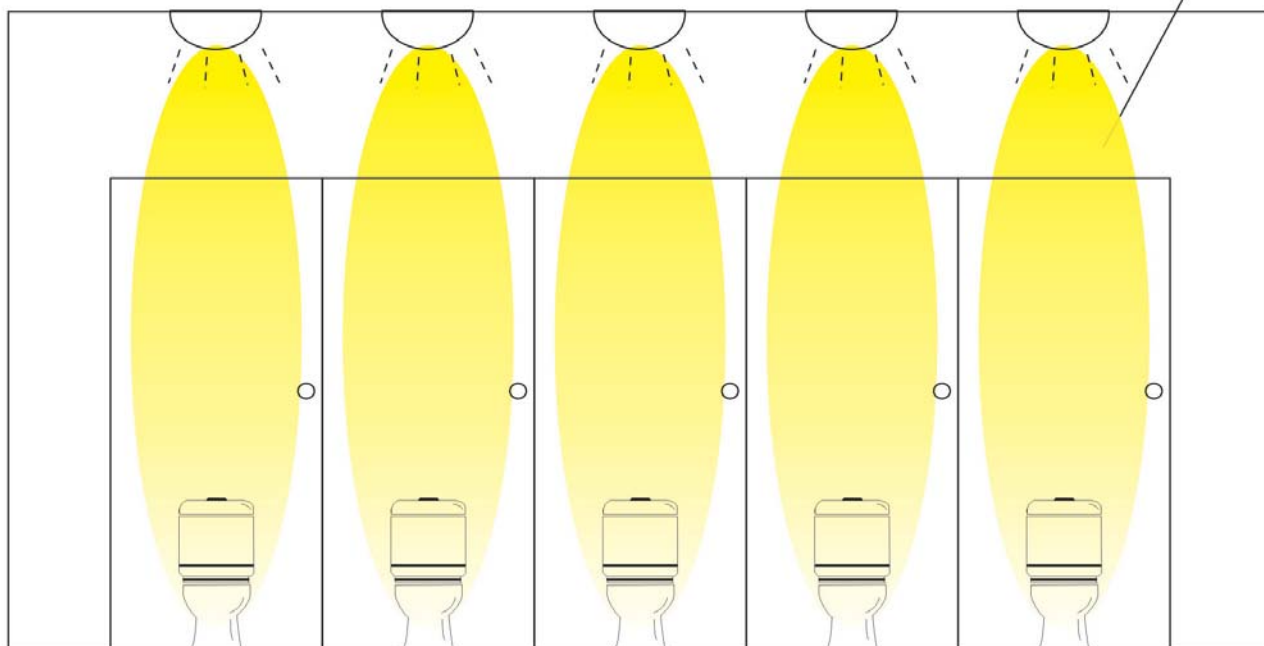
In some special installation, there is a demand of narrow detection beam angle to pick up motion signal in that small area only and avoid mis-triggering by the adjacent compartment. This demands a precise narrow beam angle of the sensor.

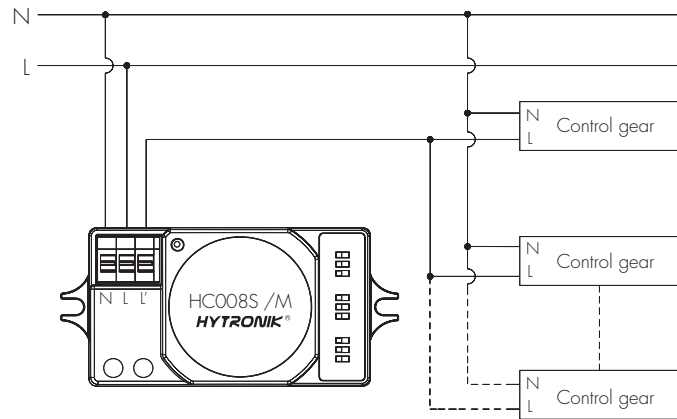
Hytronik medium range version sensor is specially designed for this kind of application. The minimum detection beam angle can be only 20 degrees, with maximum height of 3 meters.

The detection area can also be reduced to 75%, 50%, 30% and 10% to meet your particular need.

Typical example of toilet installation. Roof height 2.5 meters, detection diameter 1.5m..

Microwave detection area





Settings

1 Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

	1	2	3	
I	●	●	●	100%
II	○	●	●	75%
III	●	○	●	50%
IV	●	●	○	30%
V	○	○	○	10%

I – 100%
 II – 75%
 III – 50%
 IV – 30%
 V – 10%

2 Hold-time

Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection area.

	1	2	3	
I	●	●	●	5s
II	○	●	●	30s
III	●	○	●	180s
IV	○	○	●	300s
V	●	●	○	15min
VI	○	○	○	25min

I – 5s
 II – 30s
 III – 180s
 IV – 300s
 V – 15 min
 VI – 25 min

3 Daylight sensor

The daylight threshold can be set on DIP switches, to fit for particular application.

"Daylight" : The lamp works always, even during daylight.

"Twilight" : The lamp works only in twilight and darkness.

"Darkness" : The lamp works only in darkness.

	1	2	3	
I	●	●	●	2 lux
II	○	●	●	5 lux
III	●	○	●	20 lux
IV	○	●	○	30 lux
V	○	○	○	disable

I – 2 Lux
 II – 5 Lux
 III – 20 Lux
 IV – 30 Lux
 V – Disabled

Technical Data

Operating voltage	220~240VAC
Switched power	Max.400W (capacitive) Max.800W(resistive)
Stand-by power	0.5W
Warm time	20s
Detection area	10/30/50/75/100%, can be customized
Hold-time	5s/30s/180s/300s/15min/25min, can be customized
Daylight threshold	2Lux /5Lux /20Lux /30Lux /Disable
Sensor principle	Microwave motion detector
Microwave frequency	5.8GHz+/-75MHz
Microwave power	<0.2mW
Detection range	Max. (∅ x H): 8m x 5m
Detection angle	30°~150°
Mounting height	Max.5m
Operating temperature	-35°C ~ +70°C
IP rating	IP20 IP65 (mounted in Hytronik special box)
Certificate	Semko, CB, EMC, CE, R&TTE, SAA