



ARG Motion Sensors For Gate Automation User Manual

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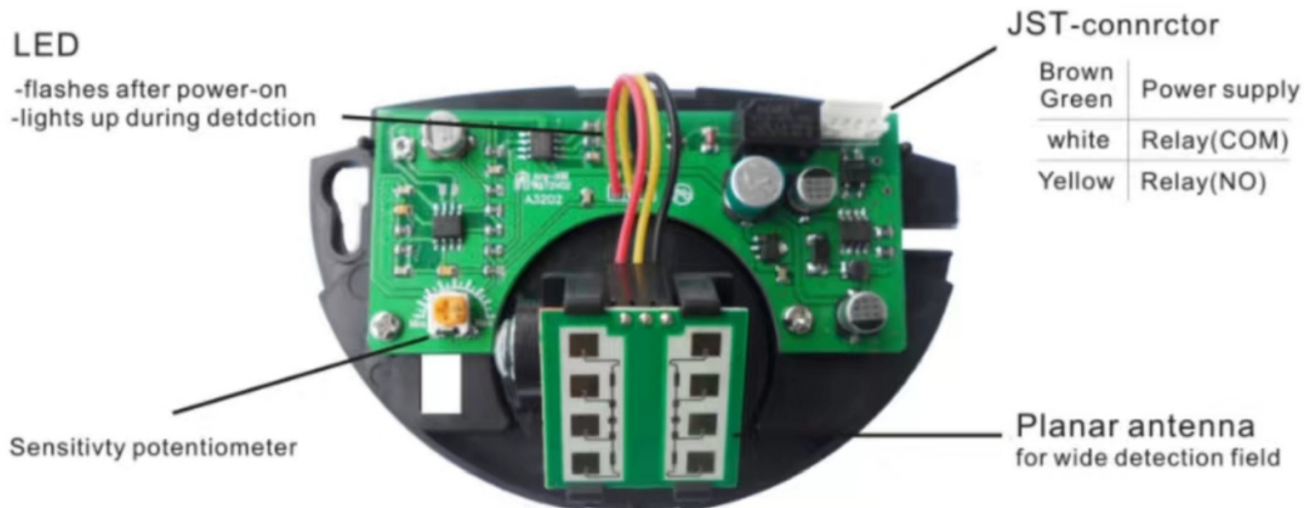
ARG Motion Sensors For Gate Automation



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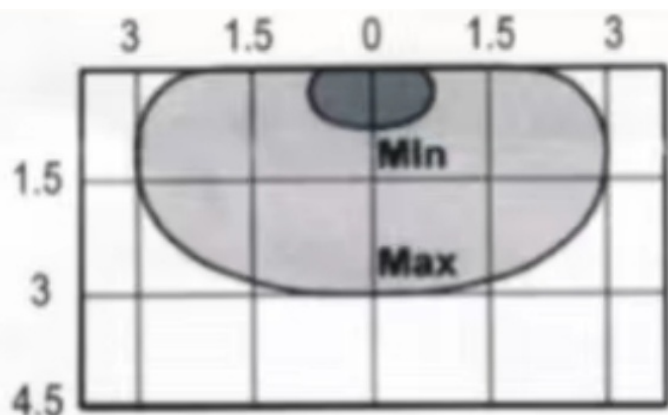
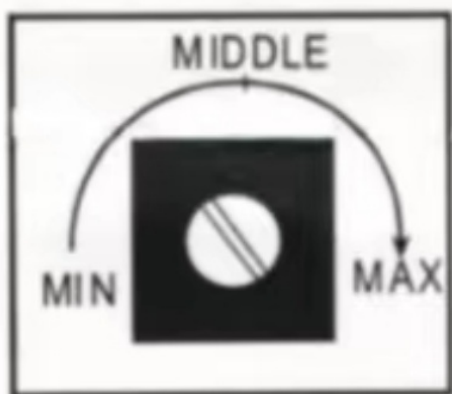
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General information



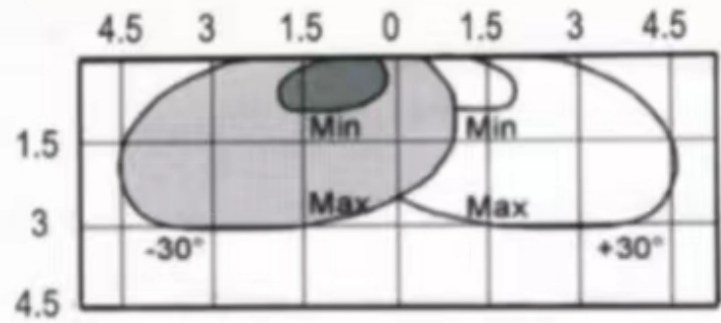
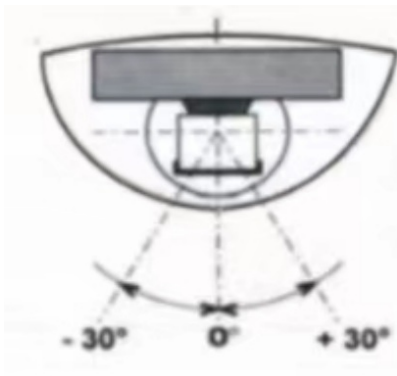
Adjustments

1. The sensitivity settings determine the size of the sensing field.

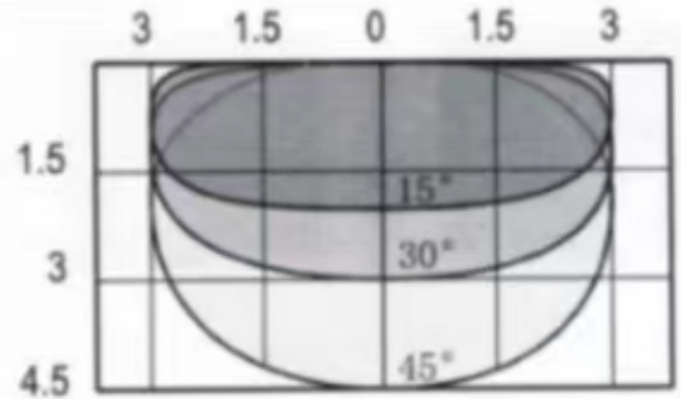
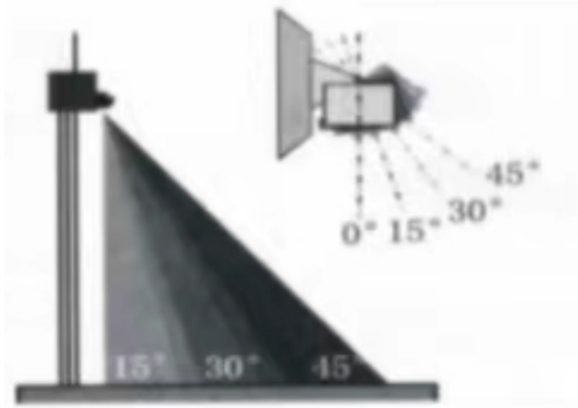


vertical angle:mounting hei -141 2,m2rn

2. The vertical angle of the planar antenna determines the depth of the sensing field



3. The vertical angle of the planar antenna determines the depth of the sensing field



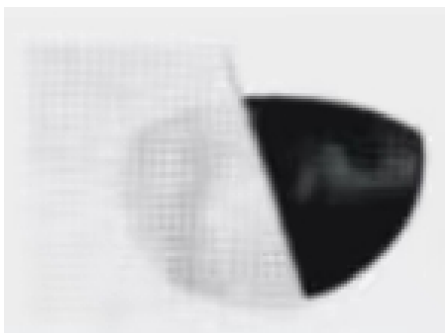
sensitivity:maximum

Installation tips

- Avoid Vibrations



- DO not cover the sensor



- Moving objects



- Avoid proximity to nanoamps



- Do not touch electrical parts"



- Sensitivity adjustment potentiometer please gently, slowly rotating



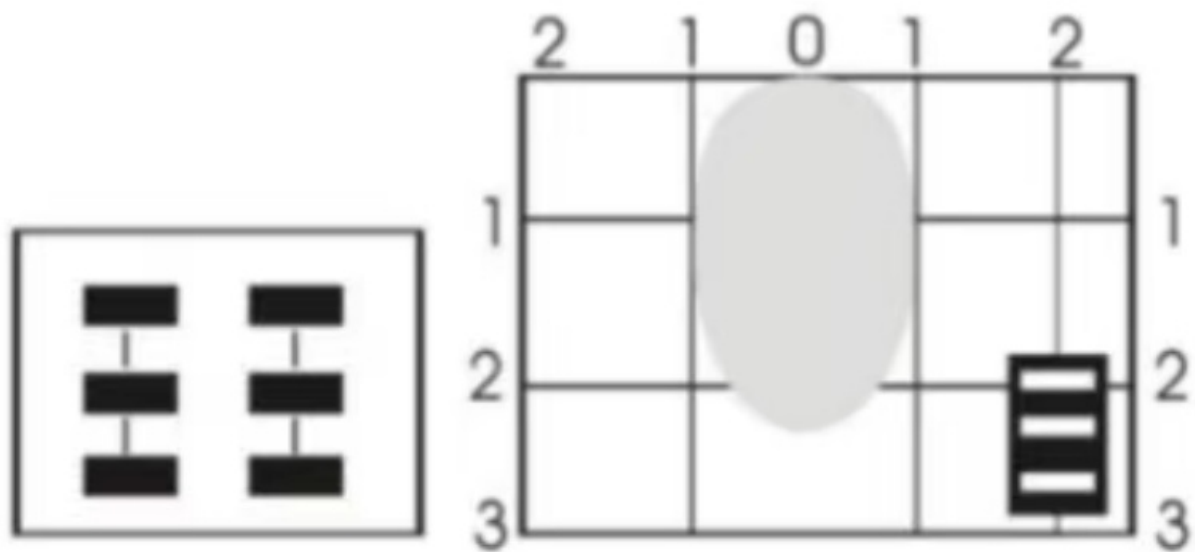
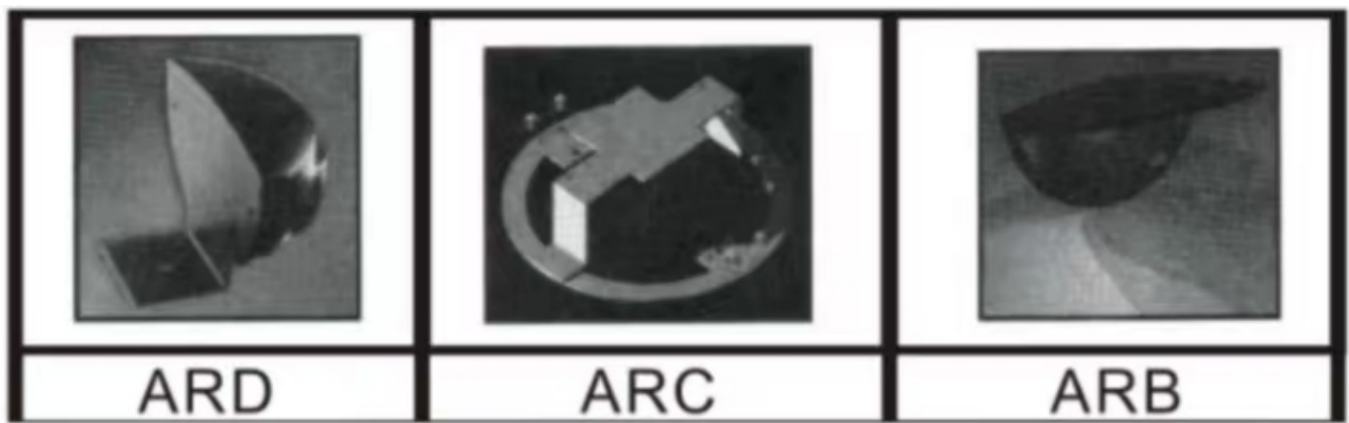
Troubleshooting

SYMPTOMS	PROBABLE CAUSES	CORRECTIVE ACTION
The door will not open and no red LED lights up	The sensor power is off	Check the wiring and the power supply
The door opens and closes constantly	The sensor 5000hr door moving. when the door creates vibrations pickup by the sensor	Increase the tilt angle and/or reduce the sensitivity. Make sure that the sensor is correctly fixed Switch to unidirectional mode(dip switch 1:ON) Increase the immunity(dip switch 4:014). Reduce the sensitivity.
The door will not close Red LED is OFF	ON-OFF switch at door control is in wrong position or faulty. Improper output configuration	Make sure that the ON-OFF switch for door is in the ON or AUTOMATIC position Check the output configuration setting on each sensor connected to the door operator.
It rains and the sensor detects for no apparent reason.	The sensor detects the motion of the rain drops.	Use the ARB accessory Switch to unidirectional mode and Increase the immunity(dip switches 1114:ON).

Technical specifications

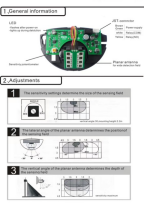
Technology	microwave and microprocessor
Transmitter frequency	24.125GHz
Transmitter radiated power	<20 dBm EIRP
Transmitter power density	<5mW/cm
Maximum mounting height	3m
Tilt angles	0
Detection field(mounting height=2 2m)	4m(W)x 2m (D)
Detection mode	motion
Minimum speed	5cm/s(measured in the sensor axis)
Supply voltage	12V to 24V AC/DC +30 10%
Mains frequency	50 to 60
Power consumption	<2W(VA)
Output relay(free of potential change-over contact)	
Max contact voltage	42V AC-60VA(AC)
Max. contact current	1A(resistive)
Max_switching power	30W(DC)/60VA(AC)
Hold time	0.5s
Temperature range	-20 (to ' 55
Degree of protection	11)54
Norm Conformity	R&TTE 1999/5/EC EMC 89/336/EEC
Material	ABS
Color of housing	black smoked, aluminium finish
Dimensions	120mm(W)•80mm(H) 50mm(D)
Weight	0215kg
Length of cable	25m

Accessories(sold individually)



Planar antenna for narrow detection field

Documents / Resources

	<p>ARG Motion Sensors For Gate Automation [pdf] User Manual</p> <p>Motion Sensors For Gate Automation, Sensors For Gate Automation, For Gate Automation, Gate Automation, Automation</p>
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