

Specifications

Ver.1.1

Product Name

PIR MOTION SENSOR "PaPIRs"

Model No.

EKMC269311□K

Page: 1

1.Product Name

PIR MOTION SENSOR "PaPIRs"

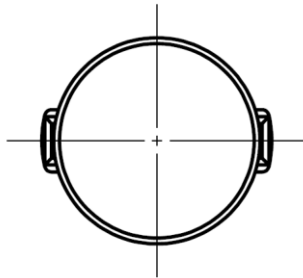
VZ series · Standard motion / Slight motion detection type (170μA / Analog output)

2.Model Number

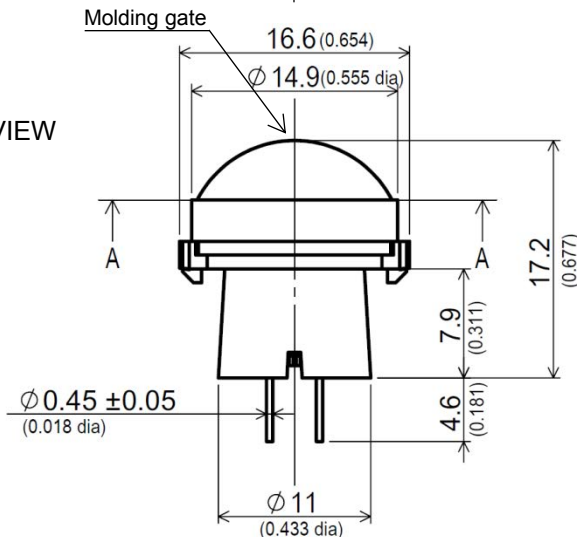
Lens Color	Model Number
White	EKMC2693111K
Black	EKMC2693112K
Pearl White	EKMC2693113K

3.Dimensions

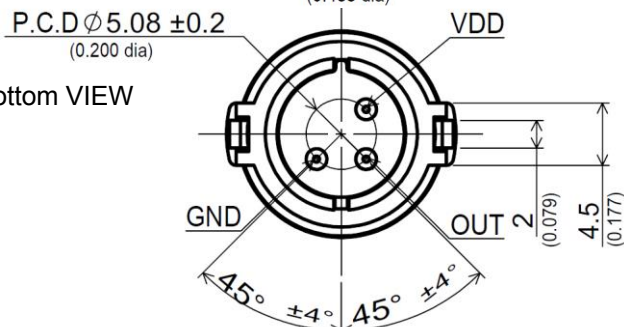
Top VIEW



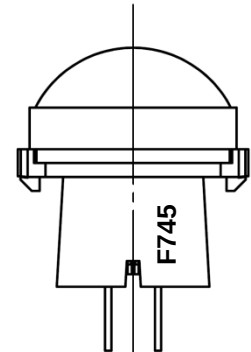
Side VIEW



Bottom VIEW



Marking



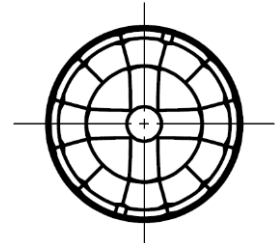
F 7 45
a) b) c)

a) The Marking which was shown by a list shown below

Marking	Model Number
A	EKMB119311□
B	EKMB129311□
C	
D	EKMB269311□
E	EKMC169311□
F	EKMC269311□K
G	EKMC469311□K
H	
I	

b) Last-digit of the year
(Ex:2010=0,2011=1,...)

c) Lot No.
1st week of Jan. will be 01,
and further No. of 02,03,
will continue up to 53.



A-A cross sectional

General Tolerance ±0.5mm (±0.020inch)

Panasonic Corporation

Approved by

Checked by

Issued on **Mar. 27th.2018**

Designed by

Specifications				Ver.1.1
Product Name	PIR MOTION SENSOR “PaPIRs”	Model No.	EKMC269311□K	Page: 2

4.Characteristics

4-1 Detection Performance

Conditions for measuring: Ambient temperature=25℃(77° F) Operating voltage=5VDC

		Value	Conditions concerning the target
(Note1) Detection Sensitivity	Slight motion detection area	$\pm 0.22V \leq$ (Range:2.2m)	1.The temperature difference between the target and the surroundings should be superior to 4℃.(7.2° F) 2.Movement speed: 0.5m/s 3.Target concept is human head (Object size:Around 200×200mm) 4.Passing 1 zone
	Standard motion detection area	$\pm 0.22V \leq$ (Range:2.2m)	1.The temperature difference between the target and the surroundings should be superior to 4℃.(7.2° F) 2.Movement speed: 1.0m/s 3.Target concept is human body (Object size:Around 400×200mm) 4.Passing 2 zones

Note1:Depending on the temperature difference between the target and the surroundings, detection range will change.

			Value	Notes
Detection Area	Slight motion ditionction area	Horizontal	44° (±22°)	Refer to the section 4-5.
		Vertical	44° (±22°)	
		Detection zones	36	
	Standard motion detection area	Horizontal	90° (±45°)	
		Vertical	90° (±45°)	
		Detection zones	48	

4-2 Maximum Rated Values

	Value	Unit
Power Supply Voltage	-0.3～7.0	VDC
Usable Ambient Temperature	-20～+60℃ (-4～+140° F) Do not use in a freezing or condensation environment	
Storage Temperature	-20～+70℃ (-4～+158° F)	