



Sensors for PCS100 People Counter

COMP-C-D Video Sensor

DESCRIPTION

This sensor head is mounted looking down on the floor. It has a video camera that cover an area on the floor that is approximately the same as the height above the floor. (Different lenses give different coverage) The sensor detect the presence of people within the sensing area as they pass by and sends signals to the counter. It can accurately count when several people pass through the area at the same time and in different directions. The standard unit can be mounted between 2.0 and 10 metres above the floor.

On installation the units are programmed to set the “lines” in the detection area across which people passing causes a count. This enables the user to define the detection area to suit the installation.

The standard unit is intended for indoor installations. For outdoor use a fully weatherproofed version is available. The domed version has the appearance of a security camera and can act as a deterrent. A flush mounting version is also available

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INSTALLATION

The sensor is programmed on installation using a laptop or handheld computer to define the detection area.

Specification

Power Input: 12 VDC supplied from PCS100 counter

Dimensions: 100mm diameter x 75 mm deep (Dome version_

Order Code	COMPD-C	Dome version
	COMP-F-C	Flush Version



PSH6 Dual Beam Photoelectric

DESCRIPTION

This sensor head has two infra-red beams that are directed across a passageway to the supplied reflectors and positioned so that passing people will break the beams. The sensing distance can be up to 3 metres between sensor and reflector. By using two beams this sensor is able to determine the direction that people are walking through the beam.

INSTALLATION

The sensor is fitted with a two red LED light that are used to correctly align the sensor and reflector during installation and also flash each time the beam is broken. These LED's can be disabled if required.

The sensor module is supplied with a standard UK type double gang electrical surface mount box that can be mounted on a vertical surface (wall etc.) Alternatively a flush or dry-liner type box can be used. The electrical connections are made using any four core cable to the screw terminal block on the unit. The maximum voltage present in the sensor is only 12VDC so there are no safety issues.

Specification

Power Input: 12 VDC supplied from PCS100 counter

Dimensions: 143 x 88 x 45 mm (in standard surface mount box supplied)

Order Code PSH6



PSH4 Single Beam Photoelectric

DESCRIPTION

This sensor head has a single infra-red beam that is directed across a passageway to the supplied reflector positioned so that passing people will break the beam. The sensing distance can be up to 3 metres between sensor and reflector.



INSTALLATION

The sensor is fitted with a red LED light that is used to correctly align the sensor and reflector during installation and also flashes each time the beam is broken. This LED can be disabled if required. The sensor module is supplied with a standard UK type single gang electrical surface mount box that can be mounted on a vertical surface (wall etc.) Alternatively a flush or dry-liner type box can be used. The electrical connections are made using any three core cable to the screw terminal block on the unit. The maximum voltage present in the sensor is only 12VDC so there are no safety issues.

Specification

Power Input: 12 VDC supplied from PCS100 counter

Dimensions: 88 x 88 x 45 mm (in standard surface mount box supplied)

Order Code PSH4

PSH5 Single Beam PIR

DESCRIPTION

This sensor head has a passive infra red, PIR, type sensor that detects the presence of a person within 5 metres of the sensor. The PIR sensor has a wider detection zone than the infra-red types and is therefore less able to separate two people passing close together. It does however have the advantage of a larger range and can be installed on ceilings as well as walls. When mounted overhead it has a detection area of approximately 2 metres by 0.5 meters when mounted at a height of 3 metres. This is ideal for many shop doorways.



INSTALLATION

The sensor is fitted with a red LED light that is used to test the sensor during installation and also flashes each time the sensor detects a person. This LED can be disabled if required. The sensor module is supplied with a standard UK type single gang electrical surface mount box that can be mounted on a wall or ceiling. Alternatively a flush or dry-liner type box can be used. The electrical connections are made using any three core cable to the screw terminal block on the unit. The maximum voltage present in the sensor is only 12VDC so there are no safety issues.

Specification

Power Input: 12 VDC supplied from PCS100 counter

Dimensions: 88 x 88 x 45 mm (in standard surface mount box supplied)

Order Code PSH5

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