



Sensors for PCS100 People Counter

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 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 retail 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

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



ABTEK CONTROL

Chelmsford, Essex, UK

Tel: 01245 222315 Fax: 01245 227072 Email sales@abtekcontrols.com

WEB www.abtekcontrols.com

Issue 3.1 1713

Manufactures and Distributors of Electronic Control Components and Systems

