

12v SELV PIR sensor

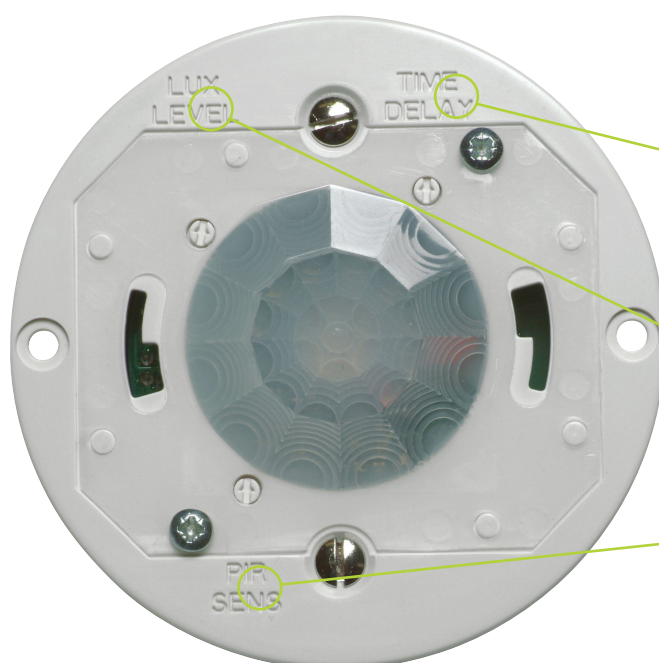
12v Combined Passive Infra Red Daylight Sensor

These sensors may be used with RIGEL CDBs and CANIS LCMs.

Features

- Presence Detection
- Optional Daylight Hold Off
- Pluggable – no onsite wiring required
- Flexible SELV Switching
- No commissioning required
- Sensitivity controls under removable bezel
- Side mounted PIR or PIR/LUX selector switch
- Integral securing wings ease for of installation
- Lightweight Flame Retardant ABS Casing
- 100% factory tested

Each PIR has 3 adjustment screws to allow the user to configure the PIR to suit the condition of the room it is installed in. Operating the following settings:



Time Delay

The time that the PIR will hold the luminaires on before switching them off can be set between 15 seconds and 30 minutes.

LUX Level

The point at which the PIR will either hold the luminaires off or begin to dim them (dependent on control module type) can be set by adjusting this control. The LUX level may be set between 200 and 2000 LUX.

PIR Sensitivity

The range that the passive infra red sensor detects out to can be adjusted up to a maximum of 7 metres diameter (when installed at 2.4m height).

Code	Description
P699913000.0	Pluggable (RJ45) SELV Combined Presence and Daylight Sensor



The adjustment screws are hidden to prevent being tampered with.

Each PIR has a side selector switch which allows the user to configure the PIR for 1 of the following operational modes:

- PIR/LUX used for combined presence and daylight hold off
- LUX used if daylight hold off on its own is required
- PIR used if presence detection on its own is required
- The side selector switch must be set before the PIR is installed

Each 12v SELV Sensor is a multifunctional fully adjustable combined passive infra red and daylight (LUX) sensor.

Technical Data

Conformity: Directive EMC 89/336/EEC
Directive LVD 2006/95/EC
Unit independently tested to comply with the requirements of:
BS EN 60669-2-1:2004
BS EN 60669-2-3:1999
BS EN 55015:2006
BS EN 61000 series of standards for EMC compatibility

Supply voltage: 12 Volts DC
Current Rating: 16Amp
Relay Rating: See RIGEL CDB or CANIS LCM Data Sheets (available on request)
RJ45 Wiring: T568B CAT 5. 5/12vDC SELV
IP Rating: IP2X

Connection via RJ45 male plugs

Operating temperatures
-5°C to 35°C

Plastic PIR casings are manufactured from flame retardant ABS

All PIRs are 100% factory tested. To ensure traceability all PIR's are labelled with the date of testing and a unique serial number both of which are also recorded electronically.