

LEVEL 1 One sensor per fitting

This is the simplest way to add some lighting controls to an installation.

Three technologies are available, depending on the requirement and application:

Microwave (MW)

An MW sensor detects any sort of movement and can be fitted behind the diffuser on a fitting. Microwave sensors are most widely used for indoor lighting control applications.

Passive Infrared (PIR)

A PIR detects the movement of heat emitting bodies such as people or animals. They do not work through solid objects or from behind a diffuser so must always be located on the outside of a fitting.

Photo-electric cell (PEC)

A PEC detects the level of ambient light and then switches the fitting on or off accordingly. Dedicated PECs are mostly used for dusk/dawn control of exterior lighting.

Built-in sensors

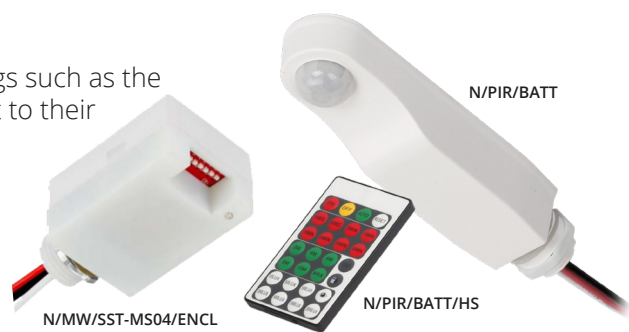
Many of our fittings are available with a sensor built-in. You will find these in the SURFACE & SUSPENDED, AMENITY, INDUSTRIAL, FLOODLIGHTING and STREET LIGHTING & POST-TOP sections. Full details are on each page. These solutions save energy for the end-user and are quick and easy for the contractor to install.

Add-on sensors

In some cases it is not practical to fit a sensor in our factory, but we can supply sensors that the electrical contractor can fit on the outside of a fitting, or adjacent to it, during installation. These sensors have to be ordered as separate items and the details are as follows:

Batten-mount style sensors, suitable for fitting on the end of fittings such as the YALE, PHOENIX or TEXAS. These sensors are all adjustable in respect to their range/sensitivity, light-level threshold and time delay.

ORDER CODE	DESCRIPTION
N/MW/SST-MS04/ENCL	Micro-Wave C/W Lux Time Sens Adj In ENCL Wired
N/PIR/BATT	Batten Mount PIR Sensor On/Off IP65 With Remote Handset
N/PIR/BATT/HS	Batten Mount PIR Remote Handset Only



Recessed sensor for installation in the ceiling of offices & classrooms, complete with adjustable range/sensitivity, light-level threshold and time delay.

ORDER CODE	DESCRIPTION
N/PIR/REC	Recessed Ceiling Mount PIR Sensor On/Off



Photo electric cells for installing on, or adjacent to, exterior light fittings such as some amenity fittings, street lights, flood lights and some post-top fittings.

ORDER CODE	DESCRIPTION
NPECH	Photo-Electric Cell External Head Only
NPECI2P	Photo-Electric Cell Internal 2 Part
NPECK	Photo-Electric Cell External Kit
NPECR	Photo-Electric Cell Internal 1 Part

