

# Sensors



## e-Multisensor 0-10V

Light and motion sensor



### Energy saving in buildings

e-Multisensor 0-10V is an innovative multisensor including a motion detector and a light sensor for occupancy control and light level monitoring in a zone of a building. The data is sent to a control system for further processing of the light and HVAC management, in order to ensure an optimum energy saving of the facility. The light level is measured by the device and provided to the control system for later processing. The motion sensor can be used for automatic light and HVAC on-off switching depending on the zone occupancy state, switching it off and saving energy when the zone is in unoccupied mode.

The device is designed for flush mounting on a suspended ceiling providing a wide coverage area of 36m<sup>2</sup>, making it an ideal solution for loft offices, with a high sensibility level to detect the smaller movements and optimizing its operating. Finished with an ultra slim case design and an innovative aesthetic design, the product is the perfect solution for engineers, architects and indoor designers that are looking an innovative and elegant design product.

A relay output for the motion detector signal with adjustable 1 second to 50 minutes timeout for automatic off switching is included on the device. The light sensor signal is provided by means of a 0-10V analog output.

MS.602000-000

Detection area 36m<sup>2</sup>

High sensitivity

0 to 1000 lux range

Flush mounting in suspended ceiling

Relay output and 0-10V analog

Adaptable to any control system

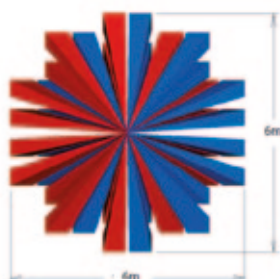
# DATASHEET

## Energy Saving

- Light sensor for light dimming
- Motion detector for occupancy management
- Adjustable relay output timeout 1 second to 50 minutes
- Automatic switching off lights when zone unoccupied
- Occupancy control HVAC management
- May integrate in any control system

## Pattern detection

(installed at 2,5mts)



## Features

- Supply Voltage 24 Vac / 24 Vdc
- Relay output for motion sensor
- Timeout switching off relay 1 sec. to 50 min.
- Detection area 6x6mts (installed at 2,5mts ceiling)
- Max detection distance 8 meters
- 68 motion sensor detection zones
- Motion sensor coverage area 360°
- Light sensor 0-10V analog output
- Lux range 0 to 1000 lux
- Light sensor measurement angle +/- 50°
- Light sensor with visible color correction radiation filter
- Flush mounting in suspended ceiling
- Dimensions 80x50 (ØxH, mm)

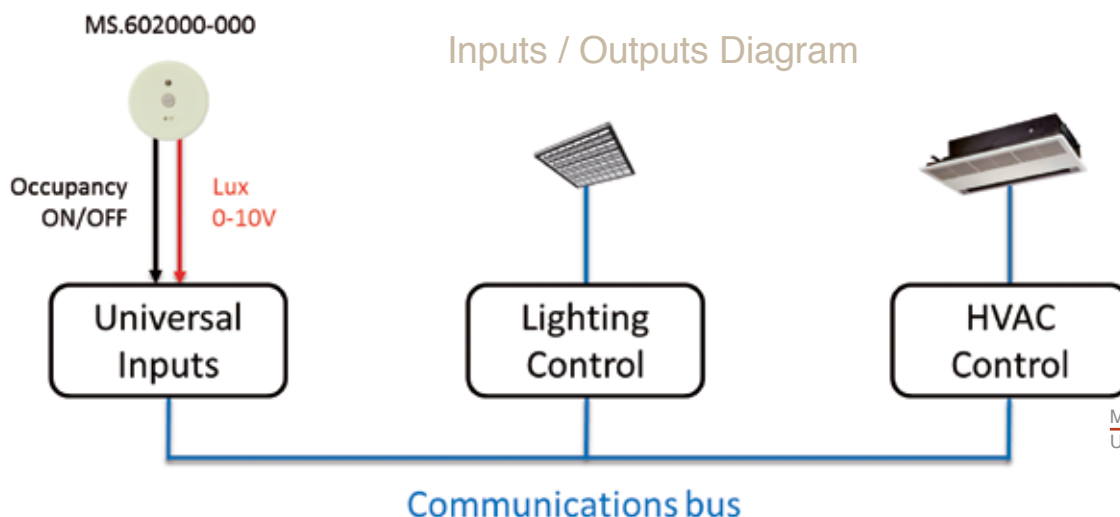
## Product reference

**MS.602000-000**  
**e-Multisensor 0-10V**



## e-Multisensor 0-10V

### Inputs / Outputs Diagram



More efficient  
UNE-EN 15232

