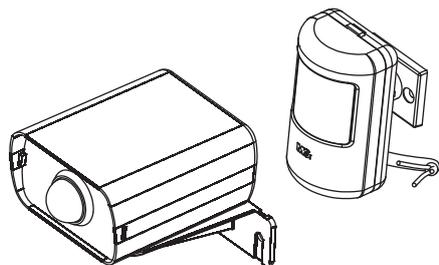


# STANDARD PRESENCE SENSORS



- Ideal for timed lighting of garages, corridors, halls, stairways and other environments that do not require continuous lighting.
- Electronic technology
- Automatic bivolt (100 to 240V~)
- They can be used with incandescent, halogen, fluorescent or LED lamps.

Models													
Type	Inlay wall		Overlay wall		Inlay Plaster ceiling		Inlay Overlay ceiling		Inlay Slab ceiling		Overlay ceiling	External environment	Inlay Overlay ceiling 2 lens
Code	MPE-20	MPE-20F	MPS-40	MPS-40F	MPT-20E	MPT-40EF	MPT-40ESF	MPT-40LF	MPT-40S	MPT-40SF	MPX-40F	MPTD-40ESF	
Photocell (Luminosity)	-	Yes	-	Yes	-	Yes	Yes	Yes	-	Yes	Yes	Yes	
Sensibility adjustment	-	-	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Approximate range*	7m	7m	10m	10m	8m(ø)	8m(ø)	8m(ø)	8m(ø)	8m(ø)	8m(ø)	8m(ø)	14m x 8m	
Actuation angle*	120°	120°	100°	100°	360°	360°	360°	360°	360°	360°	90°	360°	
Average timing	90sec	90sec	4min / 1min / 5sec		90sec	4min / 1min / 5sec							
Operating temperature	-5 to 40°C												

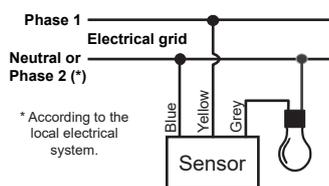
\* Under an ambiente temperature of 25°C

## ELECTRICAL CAPACITY

Type of lamp <sup>(1)</sup>	Voltage	
	127V~	220V~
Incandescent / Halogen	500W	700W
Fluorescent / Compact	125W	250W
LED <sup>(2)(3)</sup>	125W	125W

- (1) To drive metal halide, sodium, mercury or mixed light lamps, use auxiliary devices such as contactors.  
 (2) Do not install more than 7 lamps or light fixtures in the same sensor.  
 (3) In the MPTD-40ESF model, the led power is 250W at 127/220V~.

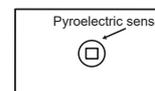
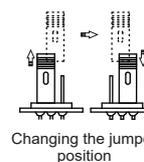
## WIRING DIAGRAM



**Warning:** Incorrect connection of the wires can cause malfunction and product damage. Test the sensor only with the lid / lens placed.

## INSTALLATION

- Before installation, if necessary and available, make the setting of timing, photocell (luminosity) and sensibility by changing the position of the jumpers on the printed circuit board.
- During the setting, do not touch the pyroelectric sensor because it may harm the operation of the product, reducing the range.
- Install the product as wiring diagram above. The gauge of the cables must be compatible with the current of the lamps.
- All sensors are automatic bivolt, but the lamps used must be compatible with the local mains voltage.
- For questions about installation of the sensors, consult a qualified professional.



## SELECTION GUIDE

□□□□ - □□□□□  
Model

**Notes:** • The colors of the cables can be changed without notice.

- Check the product manual before installation.
- MarGirus sensors allow parallel connection or connection with switches to continuous activation of lamps. For further informations, contact our technical department.