Bus PIR / MW motion detector

Code: JA-120PW

The detector is used for human motion detection in the interior of a building. Thanks to the combination of motion and microwave detection, the detector has a high alarm detection certainty.



Product description:

The detector guards the same way as a classic PIR motion detector.

When motion is sensed in the guarded area, the **MW detector** is activated to **confirm** the triggering of the PIR. Only after receiving a **confirmed alarm signal from the MW unit**, does the detector send an alarm report to the control panel.

Technical information:

Power	from the control panel bus 12 V (9 ... 15 V)
Current consumption in standby mode	5 mA
Current consumption for cable choice	25 mA
Recommended installation height	2.5 m above the floor
Detection angle/PIR coverage	110 degrees/12 m (standard lens)
Detection angle/MW coverage	24 degrees/15 m (in open space)
Detection angle/MW coverage	90 degrees/15 m (see the model room)
MW Frequency	9.35 GHz
Dimensions	60 x 110 x 55 mm
Weight	110 g
Classification	Security grade 2/Environmental class II
- according to	EN 50131-1, EN 50131-2-4
- environment	Indoor general
- operating temperature range	-10 °C to +40 °C
- average humidity	75 % RH, non-condensing
- certification body	Trezor Test s.r.o. (no. 3025)
Also complies with	ETSI EN 300 440-1, EN 60950-1, EN 50130-4, EN 55022

Can be operated according to	ERC REC 70-03