

# 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:

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

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**Can be operated according to**

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ERC REC 70-03

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