



## JA-120PW Bus PIR / MW motion detector

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.

○ [Declaration of conformity - JA-120PW \(PDF 316.51 kB\)](#)



### 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 specifications

<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

- 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