



JA-112P (G) Bus PIR motion detector

The product is a bus system device for the JABLOTRON 100+. It is designed to detect human body motion inside buildings. The guaranteed detection coverage is 90°/12 m. The grey lens option has a white light resistance that significantly exceeds the values prescribed in the standard.

○ [Declaration of conformity - JA-112P \(G\) \(PDF 313.88 kB\)](#)



Description

The detector meets the highest quality and design requirements, making it suitable even for luxurious interiors.

White light resistance helps reduce false alarms caused by illumination through windows, lightning or reflective objects.

The detector provides increased white light resistance, this being well above the values prescribed by the standard (up to 10000 lux).

The product is the result of very high quality and designer targets and its aesthetic shape means it is even suitable for luxurious interiors in any installation version. Besides standard positioning in a corner of a room it can be installed on a wall surface using an aesthetic JA-196PL-S bracket where the detector is partly recessed and elegantly blends with the wall. For special applications as e.g. ceiling mounting or an inclined detection angle the JA-191PL articulated holder can be used.

The detector has impulse activation.

The detector can be used to control programmable PG outputs.

The resistance to false alarms is adjustable at two levels

The detector is addressable and it occupies one position in the system

Technical specifications

Compatible with

F-Link 2.0.0 and higher

Power

from the control panel BUS 12 V (9 ... 15 V)

Current consumption in standby mode

5 mA

Current consumption for cable choice (maximum)

16 mA

Recommended installation height

2.5 m above the floor

Detection angle / detection range

90 °/12 m

Dimensions

62 x 110 x 40 mm

Weight

77 g

Classification	Grade 2/Environmental class II (According to EN 50131-1)
Operational environment	Indoor general
Operational temperature range	-10 °C to +40 °C
Average operational immunity	75 % RH, non-condensing
Certification body	Trezor Test s.r.o. (no. 3025)
Complies with	EN 50131-1 ed. 2+A1+A2, EN 50131-2-2, EN 50130-4 ed. 2+A1, EN 55032, EN 50581