



JA-120PB Bus combined PIR motion and glass-break detector

It serves for the **detection of human movement in building interiors and for the detection of breaking glass windows**. This detector combines two sensors (PIR motion & acoustic glass break) in one housing.

○ [Declaration of conformity - JA-120PB \(PDF 315.87 kB\)](#)



Description

The detector is enrolled to two consecutive positions in the system.

The detector uses a PIR sensor for human movement detection. Breaking glass is detected by a GBS sensor, which analyses air pressure changes and sounds to detect the breaking of a glass window.

Technical specifications

Power	from the control panel bus 12 V (9 ... 15 V)
Current consumption in standby mode	5 mA
Current consumption for cable choice	10 mA
Recommended installation height	2.5 m above the floor
Detection angle/coverage PIR	110 degrees/12 m (standard lens)
Detection distance GBS	9 m (window glass size min. 0.6 x 0.6 m)
Dimensions	60 x 95 x 55 mm
Classification	Grade II
according to	EN 50131-1, EN 50131-2-2, CLC/TS 50131-2-7-1
Operational environment	EN 50131-1 II. Indoor general
Operational temperature range	-10 to +40 °C
Also complies with	EN 50130-4, EN 55022

