

# AQUA Plus

## DIGITAL PIR MOTION DETECTOR

AQUA Plus is a digital passive infrared detector provided with a dual element PIR sensor and digital motion detection algorithm. Owing to the two-track analysis of the signal from the PIR sensor (valuable and quantitative) and the temperature compensation feature, the device is characterized by high sensitivity and interference immunity. Interchangeable Fresnel lens and three-step sensitivity control make it possible to adjust the device performance to the user requirements. The detector has a built-in pre-alarm feature and tamper switch to protect it against opening the enclosure. In addition, the device PCB is provided with EOL resistors for easy installation and connection to the alarm system. AQUA Plus meets the EN-50131 requirements for Grade 2.

- fully digital algorithm
- replaceable Fresnel lens with sealed optics
- digital temperature compensation
- pre-alarm feature
- adjustable mounting bracket included



### TECHNICAL DATA

Supply voltage	12 V DC
Detected target velocity	0,3...3 m/s
Enclosure dimensions	63 x 96 x 49 mm
Operating temperature range	-30...+55 °C
Recommended mounting height	2,4 m
Standby mode current consumption	10 mA
Max. current consumption	12 mA
Weight	90 g
Relay contacts rated load (resistive)	40 mA / 16 V DC
Environmental class according to EN50130-5	II
Alarm signaling time	2 s
Complied with standards	EN50130-5, EN50131-1, EN50131-2-2, EN50130-4
Security grade according to EN50131-2-6	Grade 2

