

AQUA Pro

DIGITAL PIR MOTION DETECTOR

AQUA Pro is a digital passive infrared detector provided with a quad 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 exceptional interference immunity. Interchangeable Fresnel lens and three-step sensitivity control make it possible to adjust the device performance to requirements of the user and the protected premises. The detector has a built-in pre-alarm feature and tamper switch to protect it against opening of the enclosure.

The main task of the detector is to detect violations in the protected area. However, it can also be used to implement the building automation functions. When the alarm system is not armed, the detector can control turning on the lights, opening or closing the doors, etc.

- quad element pyrosensor
- fully digital detection
- replaceable Fresnel lens with sealed optics
- digital temperature compensation
- pre-alarm feature
- adjustable mounting bracket included

TECHNICAL DATA

Environmental class	II
Average current consumption (standby mode) ($\pm 10\%$)	10 mA
Detected target velocity	0,3...3 m/s
Enclosure dimensions	63 x 96 x 48 mm
Operating temperature range	-30...+55 °C
Recommended mounting height	2,4 m
Nominal supply voltage ($\pm 15\%$)	12 V DC
Max. current consumption	12 mA

