

# W76555

**15 m, PIR motion sensor, PQ15/100, English & Italian**

## **Performance Line- PIR technology**

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The Performance Line is the line of legacy Guardall motion sensors (PQ15 and DT15 series) and both series are intended for the protection of residential and commercial premises.

The Guardall PQ15 design features make installation fast and straightforward. Four detection modes (including pulse count) are available to suit most environments, and are DIL switch selectable for simplicity. The Quad sensor provides premium catch performance. With adjustment free optics, a high performance varifocal lens and sneak mirror all combine to provide exceptional detection and superior close in protection.

A micro-controller with enhanced intelligent processing algorithms helps reduce false alarms caused by thermal variations and noise spikes.



## **Details**

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- 15 m volumetric coverage
- Enhanced PIR processing
- Quad pyro detector
- Adjustment-free optics
- Redesign housing shared across platform range
- Varifocal lens design

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### Technical specifications

#### General

Technology	PIR
Application type	Wall mount
Anti masking	No
Pet immune	No
Camera	No
Tamper Output	Normally closed (NC), voltage free, switch contacts rated at 24 V dc, 50 mA
Walk test LED	RED - Unit alarm
Remote LED enable	Control of LED indication using Test line
Test Input	Low or open circuit for LED disable, detector supply to activate

#### Detection

Max. detection range	15 m
Vertical optical axis adjustment	none required
Horizontal optical axis adjustment	$\pm 5^\circ$ corner mounted
Target speed range	0,2 to 3.0 m/s
Alarm time	3 s
Peak-to-peak ripple immunity	2 V (at 12 VDC)

#### Wired / wireless

Wired-wireless	Wired
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#### Inputs / outputs

Alarm relay characteristic	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 50 mA with a max. 26 ohm ON resistance.
Tamper relay characteristic	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 50 mA with a max. 26 ohm ON resistance.
Remote control lines	Walk test

#### Electrical

Operating voltage	9 to 16 VDC
Power supply type	12 VDC
Current consumption	9 mA at 12 V (quiescent no alarm) 11 mA at 12 V (max. All LEDs on)

#### Physical

Physical dimensions	110 x 66 x 42 mm (H x W x D)
Net weight	110 g
Colour	White
Mounting height	2.1 to 2.4 m

#### Environmental

Operating temperature	-10 to 55°C
Environment	Indoor

