

W76558

PQ15-AM/100

Performance Line- PIR Technology

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 PQ15AM's design features make installation fast and straightforward with adjustment free optics (can be mounted between 2.1 and 2.5m and provide 15m volumetric coverage) and selectable end of line resistances. It has separate mask/fault output and solid state outputs which are unaffected by magnets. These features all combine to give great performance, superior detection in a stylish, robust unit for all applications.

With full active IR anti-mask and a sneak mirror for superior close in protection PQ15AM meets the standards of EN50131 Grade 3.

The newly designed light pipes give excellent visibility of the alarm LED from all angles and make walk testing very quick and easy.



Details

- 15 m volumetric coverage
- Selectable end of line resistances/active IR anti-masking
- Quad pyro detector
- Adjustment-free optics
- Redesign housing shared across platform range
- Varifocal lens design
- Enhanced PIR processing
- EN50131 Grade 3

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Technical specifications

General

Tecnología	PIR
Antienmascaramiento	Si
Inmune a mascotas	No
Camera	No
Kit de tamper antipalanca	On board

Detección

Alcance máximo de detección	15 m
Tiempo de alarma	3 sec
Inmunidad rizado pico a pico	2 V (at 12 VDC)

Wired/wireless

Wired-wireless	Cableado
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Entradas/salidas

Características del relé de alarma	Normally closed (NC). Rated at 24V dc, 50mA
Características del relé de tamper	Normally closed (NC). Rated at 24V dc, 50mA
Características del relé antienmascaramiento	Normally closed (NC). Rated at 24V dc, 50mA
Líneas de control remoto	Día/Noche, Prueba de paseo

Eléctrico

Voltaje de funcionamiento	9 to 16 VDC
Tipo de fuente de alimentación	12 VCC
Consumo de corriente	max. 17 mA 9 mA at 12 V (quiescent no alarm) 17 mA at 12 V (max. all LEDs ON)

Físico

Dimensiones físicas	110 x 66 x 42 mm (H x W x D)
Peso neto	115 g
Color	Blanco
Altura de montaje	2,1 a 2,4 m

Medioambiental

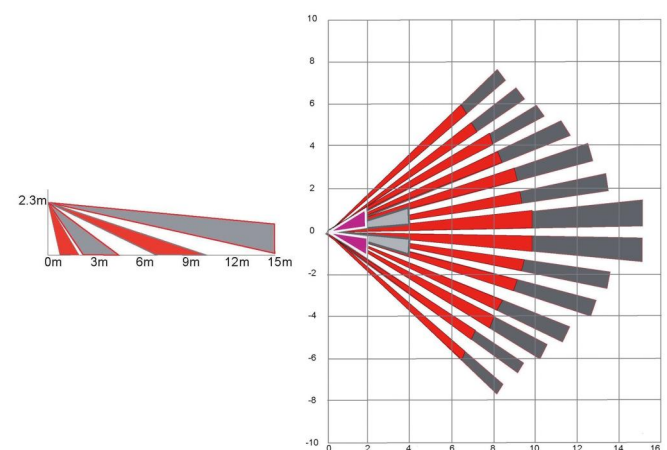
Temperatura de funcionamiento	-10 to 55°C 14 to 130°F
Entorno	Interior

Estándares y regulaciones

Grado EN50131	Grado 3
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Power Supply

PIR coverage adjustment	Vertically: none required Horizontally: $\pm 5^\circ$ corner mounted
Alarm and Aux Outputs	Normally closed (NC), voltage free, solid state relay rated at 30 V dc, 50 mA with a max. 26 ohm ON resistance
Aux. period	Duration of fault or mask condition
End of line resistors	Selectable: (Alarm, Tamper, Aux) Option A: Guardall 8k2, 8k2, 8k2 Option B: 1k0, 1k0, 12k Option C: 4k7, 2k2, 2k2 Option D: 6k8, 4k7, 15k
Walk test LED's	RED - Unit alarm
Remote LED enable	Control of LED indication using Test line
Anti-masking	Indicated on Aux output and LED's if selected
Latching	Standard (L-type) latching
PIR trouble	Indicated on Aux. output and LED's if selected
Test Input	Low or open circuit for LED disable, detector supply to activate
Control Input	Low or open circuit for unset, detector supply for set



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