# W76567

## 15 m Dual Technology motion sensor, DT15+/100, English & Italian

### Performance Line- Dual Technology

The Performance Line is the line of legacy Guardall motion sensors (PQ15 and DT15 series) and both are intended for the protection of residential and commercial premises.
DT15+ incorporates a highly effective X-band microwave together with well-proven PIR technology. This pairing produces a superb dual technology sensor that greatly improves false alarm immunity.

Featuring an advanced microwave anti-mask system, the sensor detects any attempt to disable operation of one or both alarm channels.
Anti-stealth is a highly intelligent mode that precisely analyses microwave and PIR activity in a room and significantly improves detection in extreme conditions.
This development also combats intrusion attempts using infrared screening materials. A sneak mirror is used to improve catch performance.
It has been designed to be simple to install with three LEDs within the sensor to facilitate efficient analysis of the technologies.
Incorporating unique signature recognition for precise intruder detection, DT15+ is elevated to the next level for security solutions.



### Details

- 15 m volumetric coverage
- Microwave anti-mask
- Enhanced DT processing
- Anti-Stealth technology™
- Selectable End Of Line resistances
- Adjustment-free optics
- Redesigned housing shared across platform range
- Varifocal lens design
- EN50131 Grade 3

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## Technical specifications

### General

| | |
|---|---|
| Technology | Dualna |
| Application type | Uchwyt ścienny |
| Anti masking | Yes |
| Pet immune | No |
| Camera | No |
| Microwave range adjustment | 50% to 100% of range via pot adjustment |
| Fluorescent lights | Microwave channel rejects these to within 2 m of an 80 W tube |
| 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 |
| | GREEN - Microwave channel |
| | YELLOW - PIR channel |
| Remote LED enable | Control of LED indication using Test line |
| Anti-masking | Indicated on Aux output and LED’s if selected |
| Microwave/PIR trouble | Indicated on LED’s if selected |

### Detection

| | |
|---|---|
| Max. detection range | 15 m |
| Vertical optical axis adjustment | none required |
| Horizontal optical axis adjustment | ±5° corner mounted |
| Microwave frequency (nom.) | X-band |
| Max. microwave output (at 1m) | 0.011 µW/cm2 at 1m |
| Alarm time | 3 sek |
| Peak-to-peak ripple immunity | 2 V (at 12 VDC) |

### Wired/wireless

| | |
|---|---|
| Wired-wireless | Kablede |

### 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. |
| Anti mask relay characteristic | Normally closed (NC). Rated at 24 VDC, 50 mA |
| Relay configuration | Wiele wartości EOL |
| Remote control lines | Test krokowy |

### Electrical

| | |
|---|---|
| Operating voltage | 9 to 16 VDC |
| Power supply type | 12 VDC |
| Current consumption | 13 mA at 12 V (quiescent no alarm)<br>21 mA at 12 V (max. all LEDs ON) |

### Physical

| | |
|---|---|
| Physical dimensions | 110 x 66 x 42 mm (H x W x D) |
| Net weight | 135 g |
| Colour | Hvid |

### Environmental

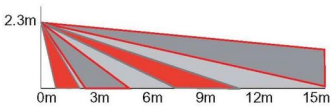
| | |
|---|---|
| Operating temperature | -10 to 55°C |
| Environment | Indendør |

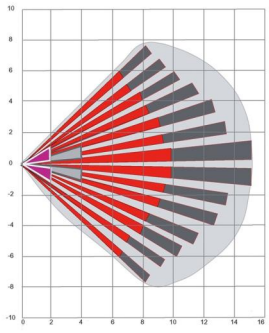
### Regulatory

| | |
|---|---|
| EN50131 grade | Lønklasse 3 |

### Inputs / outputs

| | |
|---|---|
| Test Input | Low or open circuit for LED disable, detector supply to activate |



As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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