Code: OPAL-PRO

DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR **OPAL-PRO** SATEL

Net: 121.03 EUR Gross: 121.03 EUR



Digital dual technology detector equipped with PIR and microwave detection.
The OPAL-PRO detector design meets the requirements of the EN 50131-2-4, Grade 3 standard. Thanks to this, this device can be used to protect the interior of objects which are particularly prone to burglary, where high degree of protection is required, among others in jewelery stores and in public buildings.
The OPT-1 remote controller support. (Attention: remote controller is available to buy as a separate item).

SPECIFICATION

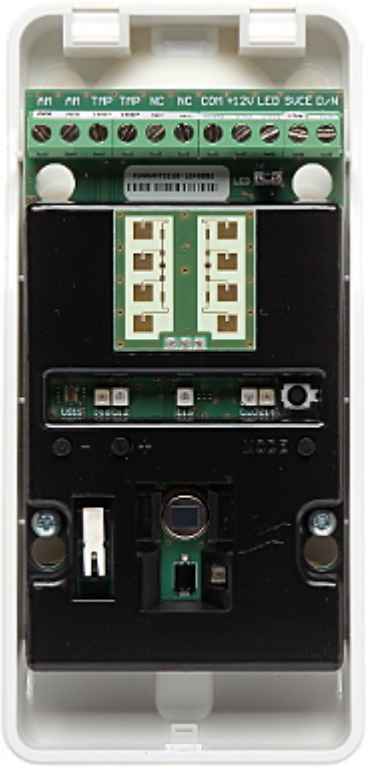
Application:	Outdoor
Pyroelectric sensor:	Double
Sensor type:	Passive Infra Red (PIR) and microwave (MW)
Recommended installation height:	2.4 m
Range:	max. 12 x 15 m
Detection angle:	100 °
Sensitivity adjustment:	16-step - Control using the keys, Remote control
Alarm output:	NC
LED indication:	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector
Tamper output:	NC
Microwave frequency band:	24 GHz
Pet immunity:	≤ 20 kg
Antimask feature:	Active IR Anti-Masking
Alarm time:	2 s
Maximal outputs load:	• 40 mA / 16 V DC - Relay output • 50 mA / 12 V DC - Day/night mode, OC
Digital temperature compensation:	✔

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
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Protection class (Grade):	EN 50131-2-4, Grade 3
Environmental class EN 50130-5:	IIIa
Power supply:	12 V DC / 20 mA
Operation temp:	-40 °C ... 55 °C
Target speed range:	0.3 ... 3 m/s
Color:	White
Main features:	• "Index of Protection" - IP54 • EN 50130-4, EN50130-5, EN 50131-1, EN 50131-2-4 • digital detection algorithm with temperature compensation for high immunity to false alarms and repeatability of parameters • Immunity to environmental changes • Creep zone control • Tamper detection - opening the enclosure, removing from mounting surface • Twilight Sensor - Open Collector output (OC), • Remote management
Weight:	0.180 kg
Dimensions:	139 x 65 x 58 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years

PRESENTATION

Internal view:

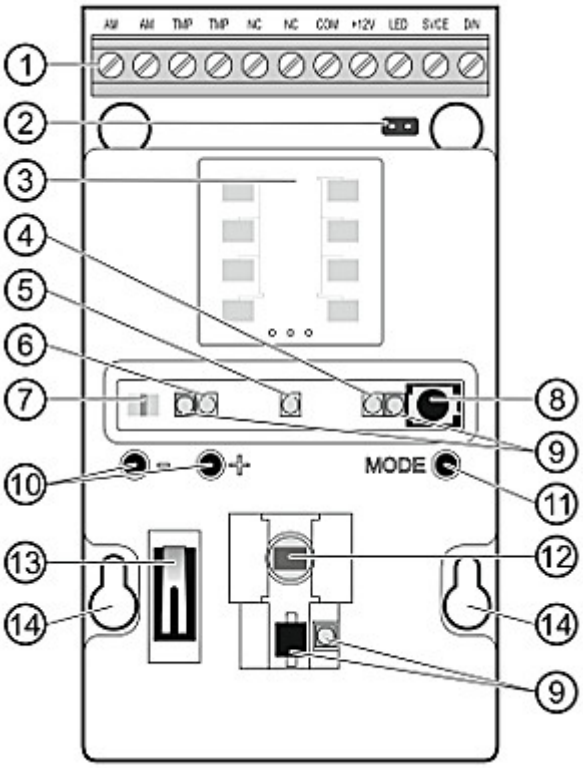


Connectors:

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
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Description of particular elements of the device:



1. cable terminals
2. LED indication settings
3. MW detector

LED diodes

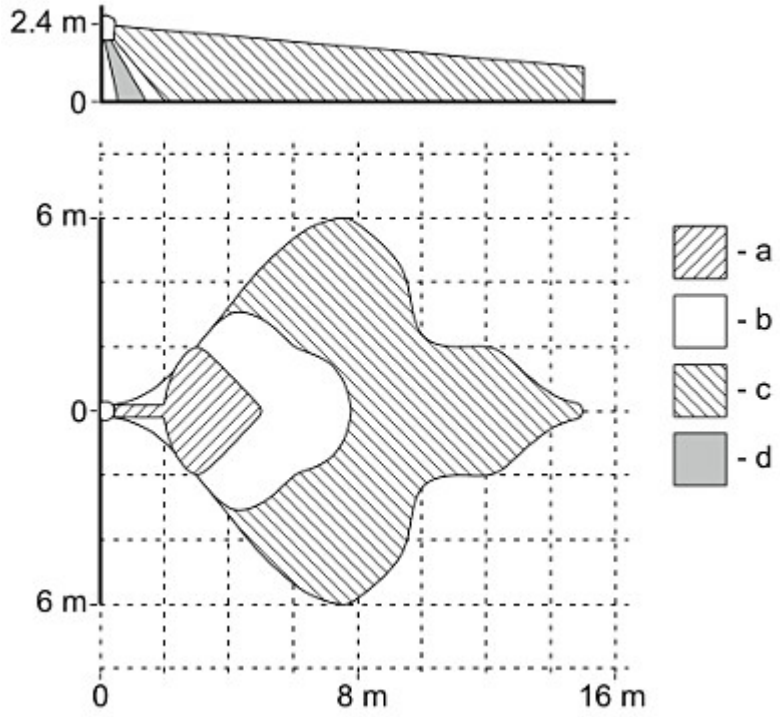
4. Yellow
5. Red
6. green
7. Twilight Sensor
8. IR receiver
9. Anti-masking system diodes
10. Manual configuration buttons
11. Manual configuration buttons
12. pyroelectric sensor
13. tamper contact

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14. Mounting holes
Mounting side view:



Detector range:



a - Min.
b - Default
c - Max.
d - Creep zone

PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg

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