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DATA SHEET

PLT

Produal

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PLT 12 PASSIVE INFRARED DETECTOR

PLT 12 is a passive infrared detector (PIR) for monitoring occupancy through body heat and movements by people.

Sensor element reacts to temperature changes in range of the detection beams.
The detector alarms after it gets 2 detections impulses in 15 seconds. This feature eliminates false alarms caused by the sudden temperature changes.
Opening the cover causes the alarm (NC) via TAMPER loop.

The detector can be installed directly on the wall or on the corner. Mounting bracket and screws are included in the delivery.

Note!
Avoid installing the PLT 12 detector to direct sunlight or any lighting resource or highly reflective surfaces.
Avoid installing the detector near heating or ventilation and also to vibrating surfaces.



Technical data:

Supply	12 Vdc (8…16Vdc)
Alarm output (NC)	< 500 mA, 24Vdc
PLT 24	140°, 18 beams, 4 levels 1,9…12 m
Function	movement detection
Tamper	switch & spring NC contact, 30Vdc, < 50mA
Protection class	IP 20
Operation temperature	+10…+32°C
Indication of detection	LED
Dimensions w x h x d	64 x 95 x 50 mm

* factory setting

Wiring:

1	supply 24Vac/dc
2	0 V
3	tamper-
4	loop contact NC
5	alarm relay
6	contact, NC

Ordering guide:

Model	Product number	Description
PLT 12	1185080	PIR movement detector, 12 m

Products fulfill the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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