

Code: OD850

OUTDOOR PIR AND MICROWAVE DUAL DETECTOR **OD850** BOSCH

The OD850 detector with detection range of 15 x 15 m is designed to use outdoors and in other harsh environments.

The detector processes PIR signals with Motion Analyzer II signal processing and microwave signals with LTD (Linear Travel Distance) signal processing. It can distinguish between small, repetitive motions such as tree limbs moving in the wind and the more purposeful motions of intruders.

The combination of advanced processing techniques and the detector's mechanical design allow to design the detector with superior performance in a wide range of weather conditions.



Application:	Outdoor
Sensor type:	Passive Infra Red (PIR) and microwave (MW)
Alarm outputs:	(NO/C/NC) 28 V DC 0.1 A 10 Ω
Microwave frequency band:	10.525 GHz
Alarm relay Form „A“:	Normally Closed (NC), supervised alarm contact opens on alarm
Alarm relay Form „C“:	Unsupervised, timed relay contact transfers on alarm and follows an installer programmable timer
Tamper output:	Two switches: N.C. DC 28V 0.1A with 10 Ω with protection resistor ; Open when cover is removed from detector's base
Tamper:	N.C. (with cover on). Contacts rated max. 125 mA at max. DC 25V
Maximal outputs load:	3 W resistance load max. 125 mA at max. 25 V DC and protection with resistor 4.7 Ω 1.2 V in the common "C" leg of the relay. To be connected to a SELV (Safety Extra-Low Voltage) circuit only
Power supply:	10 V ... 15 V max. 62 mA Operation 22 mA Standby



DATA SHEET

Operation temp:	-35 °C ... 60 °C
Weight:	0.290 kg
Dimensions:	165 x 82.5 x 57 mm
Guarantee:	2 years