

# IRA15P DETECTOR

cod. IR6B00211



Detector with passive infrared **signal digital processing** equipped with interchangeable flat (cylindrical) Fresnel lens.

## PET IMMUNITY

Through programming the detector can distinguish between animals with weight below 18KG or below 35KG.



## PROTECTED P.I.R.

The PIR sensitive element is completely protected against disturbances due to insects and/or air draughts which might generate false alarms.

## HALOGEN LIGHT PROTECTION

The lens colouring prevents false alarms should the sensitive element be hit by white light rays.

## STAND-BY "S" CONTROL

Through this input the detector is informed on the system state (on or off). Therefore, it is possible to program the detector so that this information can control the alarm relay and LED activation/deactivation.

## ALARM RELAY INHIBITION

Possibility of programming the alarm output so that it is inhibited when the detector is in "stand-by" mode.

## ALARM MEMORY

In case of detection (when the system is on), the detector led comes on with steady light to indicate the alarm memory.

## FAULT DISPLAY

The detector can detect infrared section faults by displaying them through the flashing LED.

## AUTOMATIC TEMPERATURE COMPENSATION

The detector is provided with two-direction automatic compensation, i.e., when environment temperature increases and approaches human body temperature, actuation threshold is decreased, while, when environment temperature becomes higher than human body temperature, the threshold rises back.

## WALK TEST

The detector operation is signalled by the LED coming on (it can be cut off)

## PRE-ALARM FUNCTION

The approaching of the alarm threshold is indicated by the flashing LED, while the threshold reaching is indicated by the LED steady light.

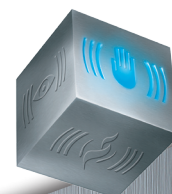
### Technical Characteristics

Supply nominal voltage:	12 Vcc
Min - max operation voltage :	9 - 15 Vcc
Absorption 12V :	10,5 mA nom. ; 13 mA max.
Pulse counter:	X1/X2
Range:	15 - 12 m
PET distinction:	18Kg max. 35Kg max
IR coverage:	88,5° on 15m; 13° on 20m
Sensible zones :	52 on 11 planes
Alarm relay:	solid state relay - NC 0.1A@24V— / R max = 35 ohm
Anti-tamper device:	50 mA @ 24 Vcc
Operating temperature:	-10 °C / +55 °C (declared by the manufacturer) +5°C ÷ +40°C (certified according to CEI 79.2)
Dimensions (H x L x P):	70 x 85 x 54 ± 2 mm
Weight:	80 g

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I°/II° level



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