



**Electric Automation**  
Automation specialists

Riferimento: BSD-WPIR-BAT

Parametri selezionati FUN Sensore/Rilevatore MOU Decentrale  
SUP Batteria Altro INFO1 PIR rilevatore INFO2 104x62x52  
INFO3 Battery 2xAAA INFO4 Rilevatore PIR 70° 10m di  
distanza di rilevamento, controllo luci



Acquista da Electric Automation Network

Wireless PIR Sensor

BSD-WPIR-BAT

Passive infrared detector (PIR) Detects movement by e.g. a person Indoor applications

Operating distance: 10 m Operating angle: 70° Walk test: LED indication

Switch for walk test LED on/off Channel coding by BGP-COD-BAT Supplied 2 x AAA battery

Wireless range up to 100 m in open air

Battery lifetime approximately 1 year

GENERAL SPECIFICATIONS

Power ON delay Typ. 1 min.

Walk test indication LED, red Switch ON Walk test ON Switch OFF Walk test OFF Environment

Degree of protection IP 40

For indoor applications

Operating temperature 0° to +50°C (+32° to +122°F) Storage temperature -30° to +70°C (-22° to +158°F)

Material

Housing Colour White

Lens

Polyethylene Dimensions (WxHxD) 104 x 55 x 57 mm Weight Approx. 150 g

Excluding batteries

INPUT SPECIFICATIONS

Inputs PIR on I/O 1

Lens Dual detecting zones

Segments 24

Levels 3

Angle 70° Operating distance  $\leq$  10 m

(see radiation diagram) Wave length 7 to 14  $\mu$ m

Input detection speed 0.5 to 5 pulses/s

WIRING DIAGRAM

SUPPLY SPECIFICATIONS

Power supply Supplied by batteries

Rated operational current 2 x AAA battery (800 mAh).

With 1700 activations a day, the lifetime of the batteries is approximately 1 year

DIMENSIONS (mm)

PIR element

AAA

AAA

LED Associate button

ON OFF

BGP-COD-BAT connector

Walk test on/off

TYPE SELECTION

Supply Ordering no.

1 channel PIR detector

2 x AAA battery BSD-WPIR-BAT (800 mAh)

Batteries are not included

Specifications are subject to change without notice (05.06.2008) - A product of the  
CARLO GAVAZZI Group