



Electric Automation
Automation specialists

Reference: BSD-WPIR-BAT

Selected parameters TYPE Sensors / Detector HOUSING
Decentral POWER SUPPLY Battery Others TYPE PIR detector
HOUSING 104x62x52 POWER SUPPLY Battery 2xAAA MAIN
CHARACTERISTICS Wireless PIR detector 70°, 10m detection
range, lighting control



[Buy it at 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 delayTyp. 1 min.

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

Environment

Degree of protectionIP 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

PolyethyleneDimensions (WxHxD)104 x 55 x 57 mmWeightApprox. 150 g

Excluding batteries

INPUT SPECIFICATIONS

Inputs PIR on I/O 1

Lens Dual detecting zones

Segments 24

Levels3

Angle70° Operating distance ≤ 10 m

(see radiation diagram) Wave length7 to 14 μm

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

SupplyOrdering 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

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