

EAGLE HM

A High-Mounting version of BEA's proven Eagle Technology for Industrial Applications

Universal Opening Sensor for high mounting applications

Effective Detection up to 17 ft. mounting heights perfect for large industrial doors.

BEA's K-Band microwave technology can detect movements at rates as slow as 2.2 in./second.

3-Mode directional sensing towards the door (**Unidirectional**), towards or away from the door (**Bidirectional**), or a combination of both (**Motion Tracking Feature**) for safety and energy efficiency.

Easy set up with the BEA remote control eliminates the need for ladders and minimizes downtime with your industrial door.

With adjustable relay hold times, normally open or normally closed contacts, the Eagle HM can accommodate any industrial door or gate application.

Safe, reliable and fast detection for industrial applications.



INDUSTRIAL DOOR OPENING SENSOR EAGLE HM



HD Bracket
Heavy-Duty Extension
Bracket extends up to 3'
from the wall



ERA
Rain cover accessory



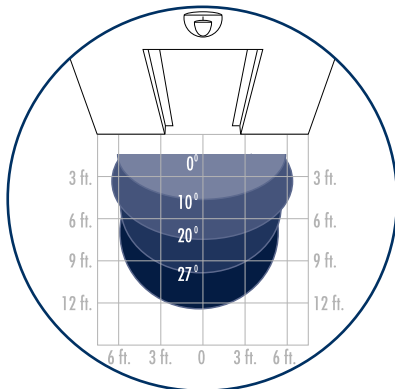
EBA
Another mounting possibility



ECA
Accessory for mounting in false ceiling



- 1 Connection block
- 2 Infrared receiver
- 3 Communication connector
- 4 LED
- 5 Sensitivity adjustment buttons
- 6 Antenna Bracket front adjustment
- 7 Planar antenna
- 8 Ring for lateral adjustment



Sensing fields

Tilt Angle = 20°; Mounting Height = 15 ft.; Sensitivity = 9

Technology

Frequency emitted
24.125 GHz
Power density emitted
<< 5 mW/cm²
Mounting height
10 to 17 ft.
Tilt angles
from 0° to 90° vertical / from -30° to 30° lateral
Detection area (typical)
13.1 ft. x 8.2 ft.
Detection mode
Motion: unidirectional / bidirectional / unidirectional
with motion tracking

Detection speed (minimum)
2 in/sec. (measured in axis of sensor)
Supply voltage
12 V to 24 V AC ±10% / 12 V to 24 V DC +30% / -10%
Mains frequency
50 to 60 Hz
Power consumption
< 2 W
Output
• max. contact voltage
• max. contact current
• max. switching power
Output hold time
0.5 second to 9 seconds (adjustable)

Remote control adjustment
(Manual adjustments also available)

Temperature range
-4°F -131°F
Immunity electromagnetic compatibility
(EMC) in accordance with 89/336/EEC
Dimensions
4.75in. (W) x 3.15in. (H) x 2in. (D)
Weight
0.5 lbs.
Material
ABS
Housing color
anthracite gray (standard), aluminum finish or white
Cable length
12 ft.
Degree of protection
IP54

microwave and microprocessor
24.125 GHz
<< 5 mW/cm²
10 to 17 ft.
from 0° to 90° vertical / from -30° to 30° lateral
13.1 ft. x 8.2 ft.
Motion: unidirectional / bidirectional / unidirectional
with motion tracking
2 in/sec. (measured in axis of sensor)
12 V to 24 V AC ±10% / 12 V to 24 V DC +30% / -10%
50 to 60 Hz
< 2 W
Free Potential Contact / Dry Contact Relay
60 V DC / 125 V AC
1 A resistive
30 W (DC) / 60 VA (AC)
0.5 second to 9 seconds (adjustable)

- sensitivity
- hold time
- immunity to vibrations (normal or strengthened)
- configuration of relay (active, passive, ON or OFF)
- Directional detection modes
- 4°F -131°F
(EMC) in accordance with 89/336/EEC

OTHER BEA INDUSTRIAL SENSING SOLUTIONS



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BEA

We open up New Horizons