

THE BAT

MOTION SENSOR

FEATURES & BENEFITS

- **State of the Art “DRO” Technology**
 - Reliable detection of people and vehicles
- **“Micro-Motion” detection capability**
 - Prevents premature closing of door due to slow moving people
 - Reduces fright factor that leads to frivolous lawsuits
- **Ability to recognize direction of traffic**
 - For maximum energy conservation savings

PRODUCT INFORMATION

The BAT sensor is a microwave motion sensor using Doppler effect radar technology. Used for primary or secondary activation on automatic pedestrian doors. It may be paired along with any of our swinging, sliding, folding and revolving doors. Easily switches between a wide or narrow detection pattern and offers several horizontal and vertical angle adjustments to allow total flexibility to conform to any environment or application.



WE FOUND A WAY TO AWAKEN YOUR SENSES!

WITH “DRO TECHNOLOGY” (DIELECTRIC RESONATOR OSCILLATOR)

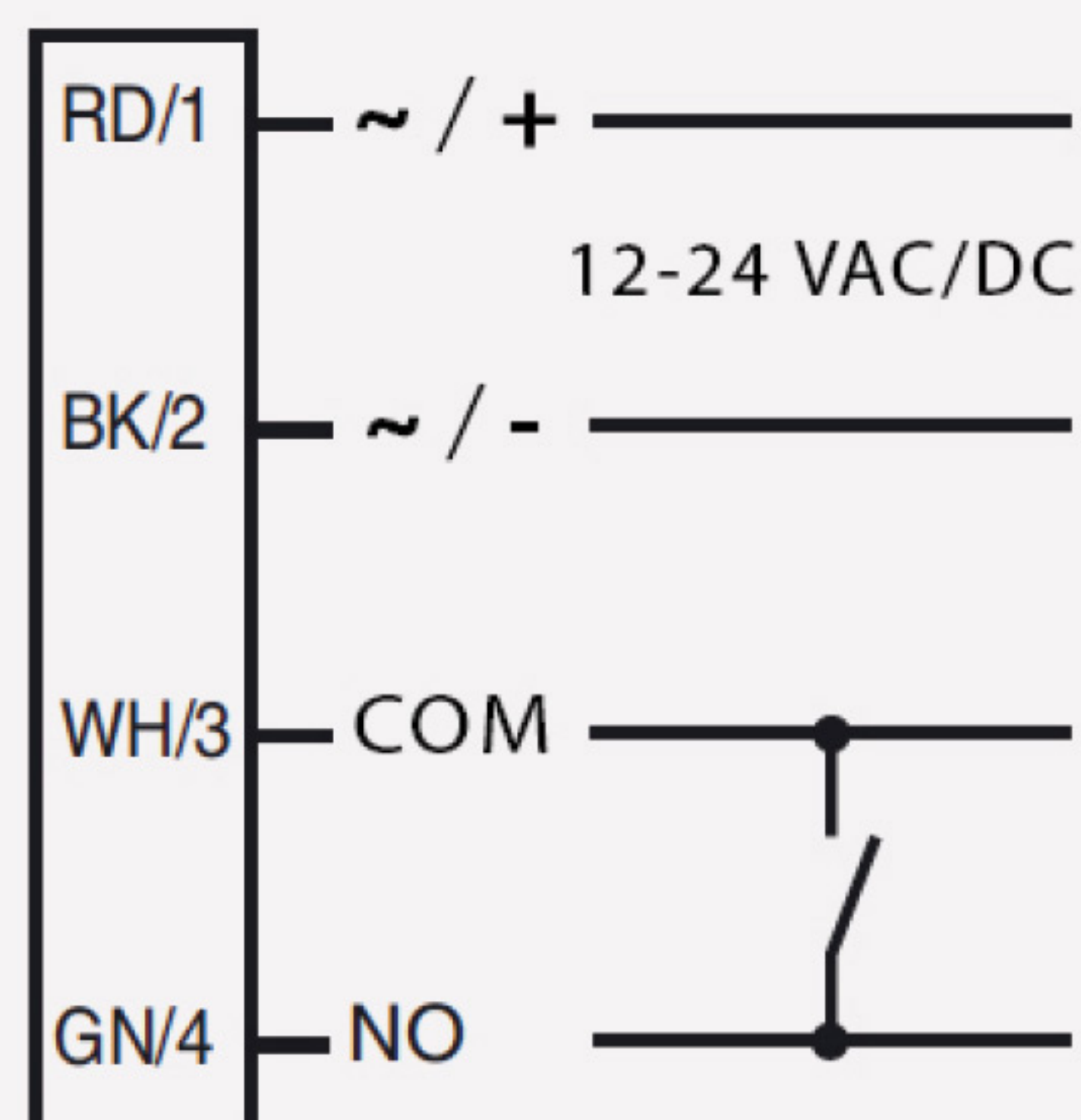
■ PREDESTRIAN AUTOMATIC DOOR ACTIVATION SENSOR FOR:

- SWINGING DOORS
- SLIDING DOORS
- BALANCED SLIDING DOORS
- REVOLVING DOORS

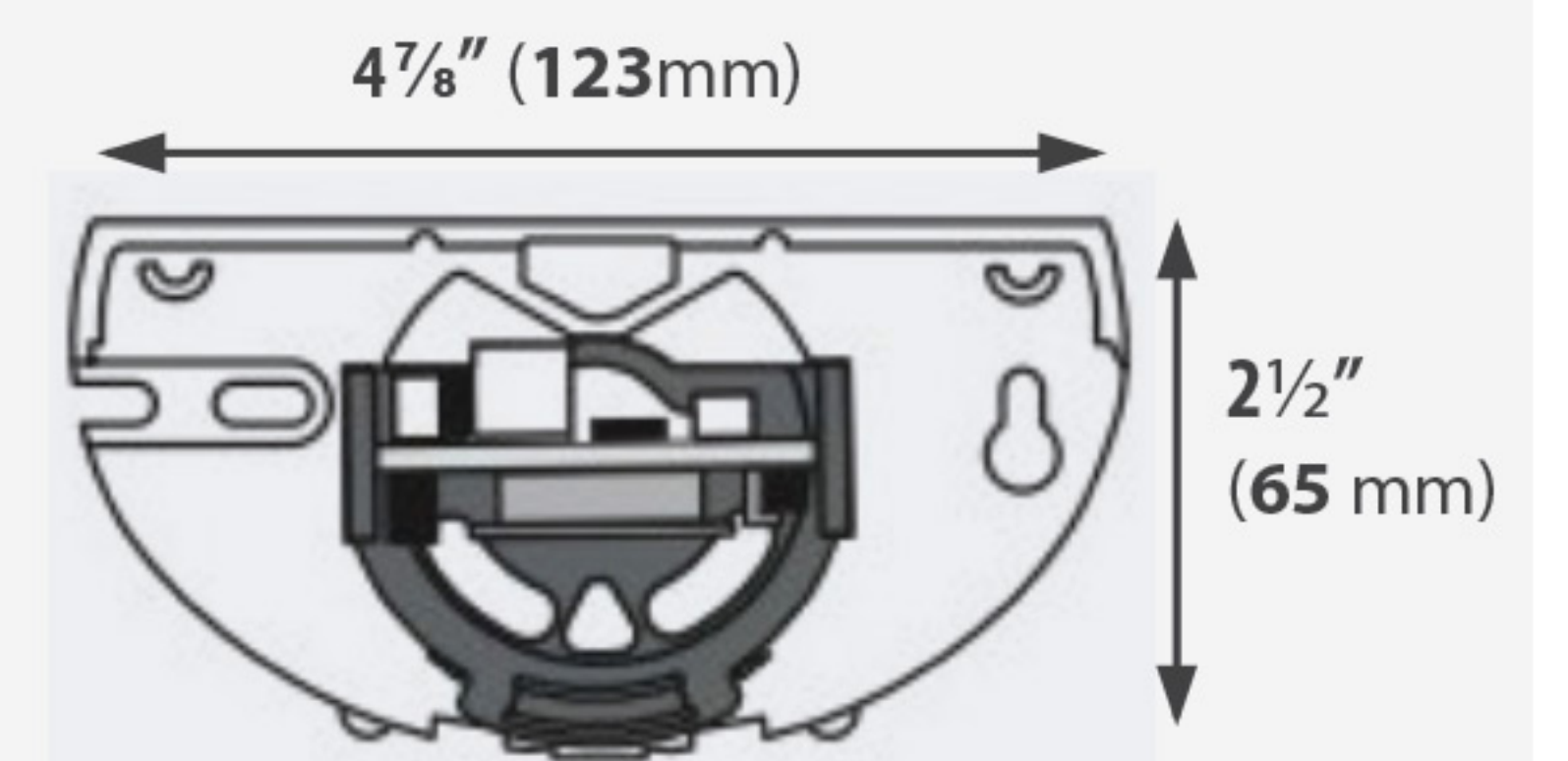


PRODUCT DESCRIPTION & SPECIFICATIONS

ELECTRICAL CONNECTION



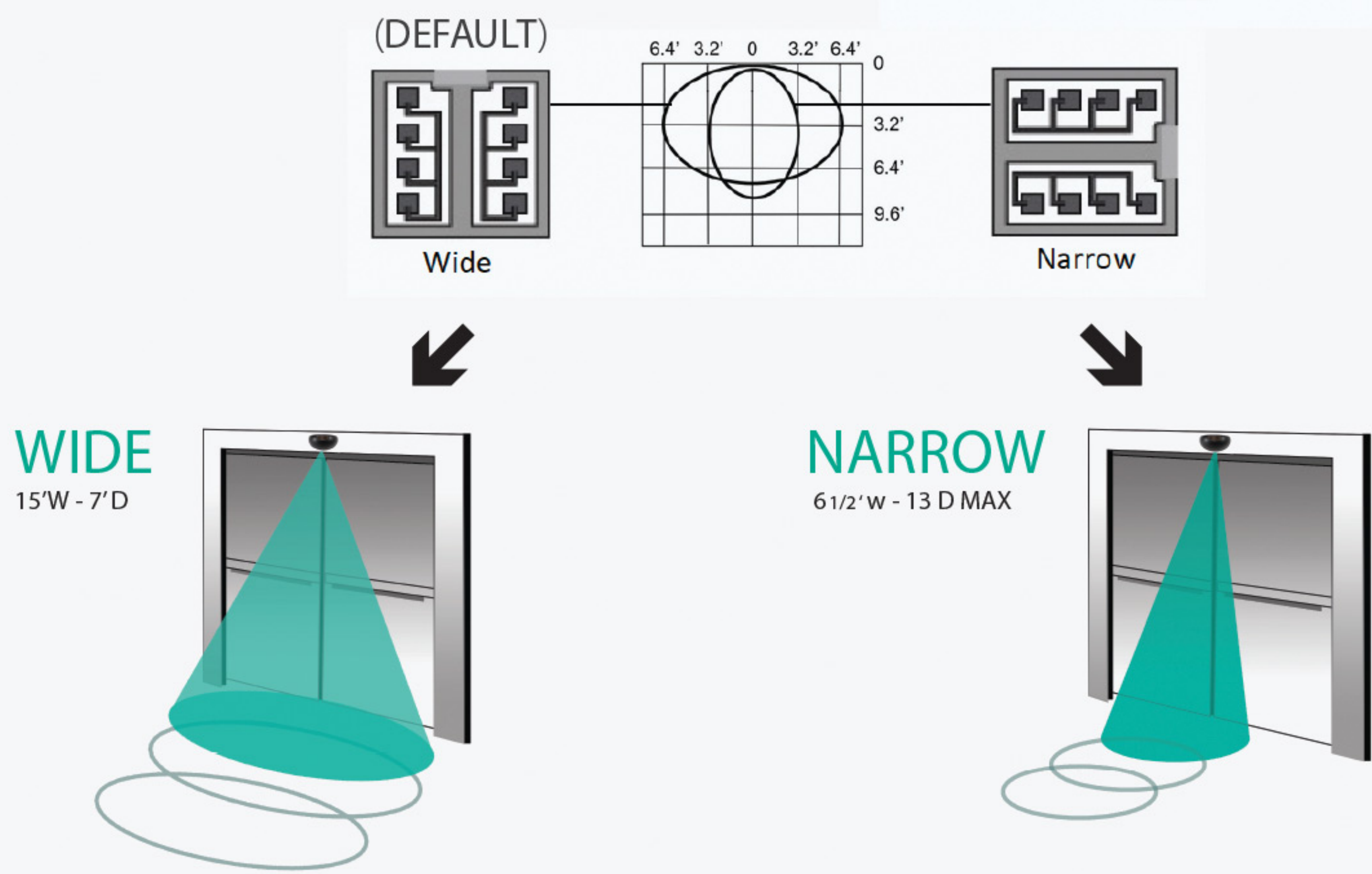
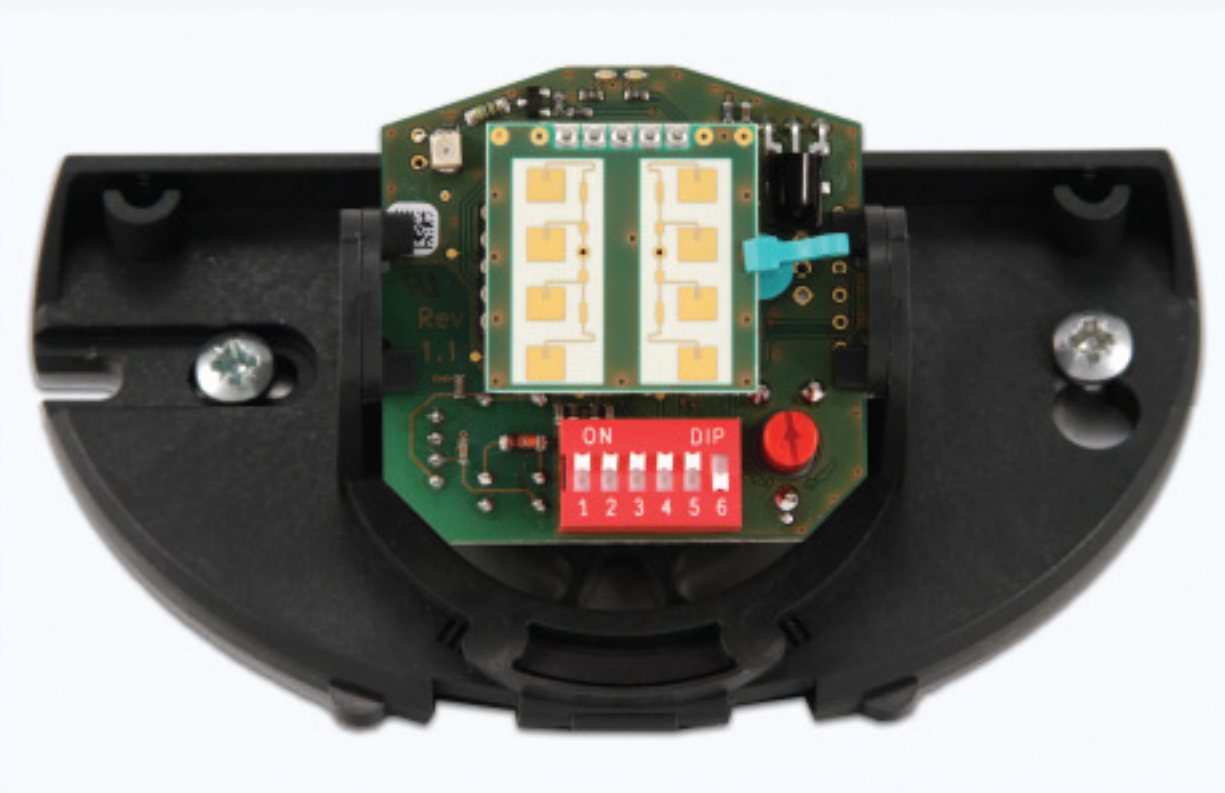
DIMENSION



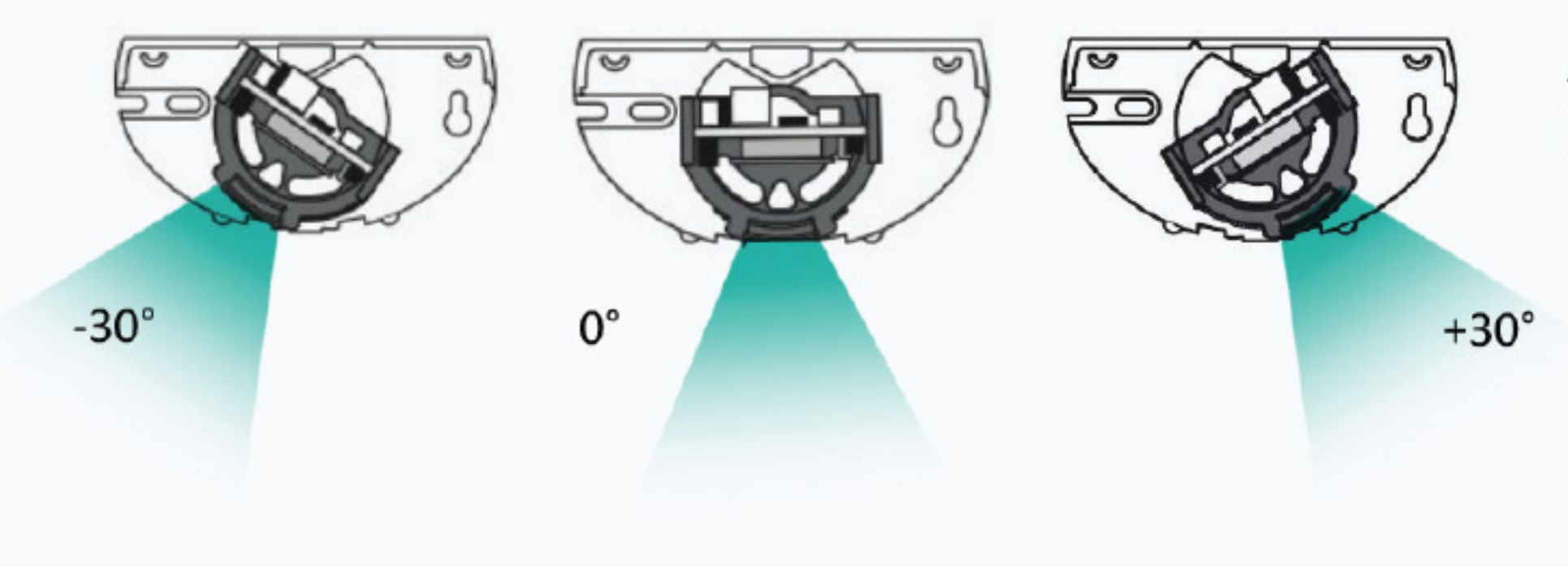
- DEPTH: 2 1/2" (65 mm)
- WIDTH: 4 7/8" (123 mm)
- MOUNTING HEIGHT: 13' MAX. (4m)

■ ANTENNA CHARACTERISTICS

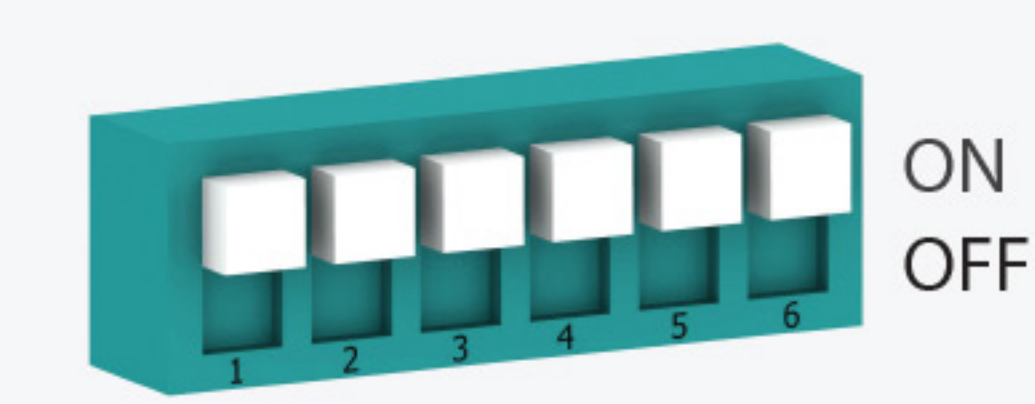
■ The BAT sensor is capable of providing a wide or narrow detection pattern based upon the antenna selection.



■ HORIZONTAL ADJUSTMENT



AN OFFSET PATTERN CAN BE ACHIEVED BY ROTATING ANTENNA LEFT OR RIGHT.



- DIPSWITCH SETTINGS:
- One-way / Unidirectional capability
 - Two-way / Bidirectional capability
 - Relay contact: NO/NC
 - Micro-Motion detection capable

■ ACCESSORY



Weather Cover (Part Number 200.1069)

The weather cover guards the sensor from rain, snow, etc.



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■ SPECIFICATIONS

THE BAT MOTION SENSOR

DESCRIPTION	SPECIFICATION
Product Part Number	200.1068
Microwave Frequency	24.075 – 24.175 GHZ
Transmitting Power	< 20 dbm
Supply Voltage	12-36 VDC / 12-28 VAC
Power Consumption	< 1w
Output Relay	Dry contact normally open (N.O.) or normally closed (N.C.)
Max. Contact Switching Voltage	48 Volts AC / DC
Max. Contact Switching Current	Max. 0.5A AC / 1A DC (resistive)
Detection Speed	Standard 2.5" per second (6 cm, per second)
Angle	Vertical: 0° to 90° Horizontal: -30° to 30°
Mounting Height	7' (2.1m) standard 13' (4m) maximum
Degree of Protection	NEMA 3S (IP54)
Temperature Range	-4°F to 131°F (-20°C to 55°C)
Dimensions	4 7/8" (W) x 2 1/2" (H) x 2 1/4" (D) (123 mm x 65 mm x 58 mm)
Weight	4.6 ounces (130g)
Conformity	US: Compliant with FCC regulations, part 15. CANADA: Contains IC approved component.
Material	Polycarbonate (PC), ABS
Housing color	Black
Cable length	6ft (2m)

Note

Technical details and recommendations on our products are based upon experience and represent guidelines for the user. Details in brochures and specification sheets do not guarantee any special product features, apart from those we confirmed in individual cases. We reserve the right to make changes as the result of technical developments.