



BEA ARCHITECTURAL SPECIFICATION SHEET Automatic and Industrial Door Solutions: Focus and Focus II

Product Specification:

Presence Sensor for revolving doors: Provide an automatic entrance door sensor that provides presence detection via distance measuring active infrared technology

1. Mounting Range Capabilities;
 - a. Mounting height standard: Maximum 96" (243.84 cm)
 - b. Sensor can be surface or flush-mounted
2. Thermal Range Requirements: Provide sensor that can be used in all climates; allow for thermal range from -30° F (-35°C) to 140° F (60° C).
3. Infrared portion of the sensor shall be able to detect a motionless 28" (71.1cm) High x 12" (30.5cm) Wide x 8" (20.3cm) Deep test object for a minimum of 30 seconds Shall have two optics, a transmitter (TX) and a receiver (RX) that function independently of the other modules. The transmitter emits an extremely precise beam, which measures approximately 4" (10.16 cm) in diameter at a distance of 96" (243.84 cm). The receiver, in turn, receives the infrared beam reflected off of the floor, forming a triangulation, which shall not be affected by color or background of the object that interrupts the angle.
4. Sensor shall be capable of being made in widths from 13" (33 cm) to 102" (259 cm) wide by 1.9" (4.8 cm) high by 1.9" (4.8 cm) deep (width to suit door size
5. Output:
 - a. Response Time: less than 50ms

Product image and Application Photo

BEA Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Phone: 1.800.523.2462
Fax: 1.888.523.2462



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Technical Specs:

DESCRIPTION	SPECIFICATION
Power Supply	24 V AC / V DC +/-10%
Current Consumption:	On = 60 mA max. Off = 30 mA max.
Output Interface; relay	Relay; max. contact rating is 1A @ 30v (resistive)
Detection Range	0' to 8'2" (2.5 m)
Distance Adjustment	2 ft. up to 8 ft. (.61m up to 2.44m) rotating cam w/ linear adjust.
Detection Time	< 50 ms
Detection Signal Duration	Infinite Presence Detection
LED Indications	Green LED = Detection
Operating Temperature Range	-30° F to 140° F
PCB Dimensions	6.63" x 1.5" (168mm x 38mm)
Connection to Controller	5 conductor cable
Detection Mode	NO or NC

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