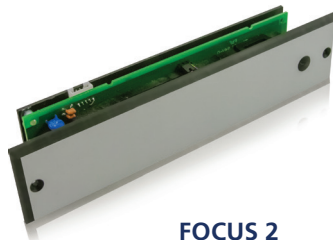


FOCUS FAMILY

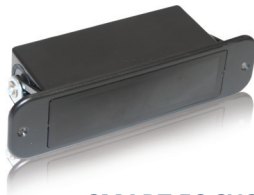
FOCUSED ACTIVE INFRARED PRESENCE SENSORS



PRIMARY APPLICATIONS



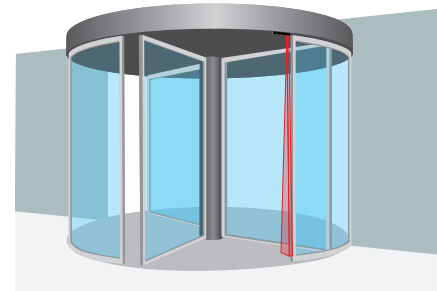
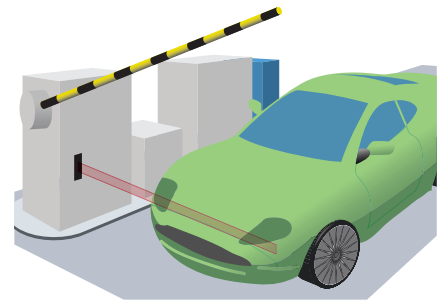
FOCUS 2



SMART FOCUS



FOCUS



DESCRIPTION

BEA's Focus family consists of focused active infrared-based presence sensors designed to effectively detect people and objects. These compact sensors can be used in a variety of applications where space may be limited or additional detection is required to complement pre-installed sensors, such as on revolving doors where pinch-zone protection is needed.

The Focus 2 offers the same protection as the Focus but can be recess mounted.

The Smart Focus provides internal and external self-monitoring. Single button setup ensures easy installation in most common applications.

The Focus family can be used on revolving doors, drive-thru windows, and in industrial applications such as gate and access control.

FEATURES & BENEFITS

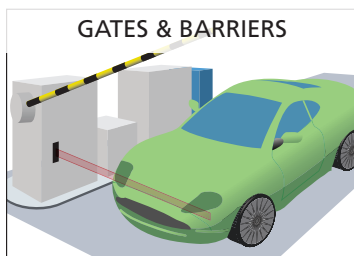
- Low profile, recessed-mount enables Focus 2 and Smart Focus to protect pedestrians from contact with the moving door
- Smart Focus is fully monitored (not the Focus or Focus 2)
- Smart Focus has push button setup
- Ideal for drive-thru / pass-thru applications
- Horizontal mount for use in gate and barrier applications



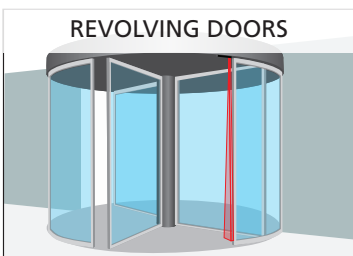
BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

APPLICATIONS



GATES & BARRIERS



REVOLVING DOORS



DRIVE-THRU / PASS-THRU

TECHNICAL SPECIFICATIONS

10FOCUS & 10FOCUS2

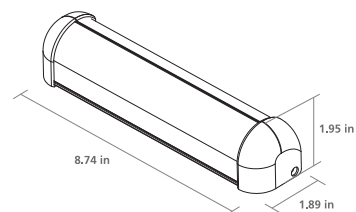
Technology	Focused Active Infrared
Detection Mode	Presence
Power Supply	24 VAC / VDC $\pm 10\%$
Current Consumption	60 mA (On); 30 mA (Off)
Output Interface; Relay	Relay; max. contact rating is 1 A @ 30 V (resistive)
Detection Range	0 ft – 8.2 ft
Distance Adjustment	2 ft – 8 ft, rotating cam with linear adjustment
Detection Time	< 50 ms
Detection Signal Duration	Infinite Presence Detection
LED Indications	Green LED = Detection
Operating Temperature Range	-30 °F – 140 °F
Connection to Controller	5-conductor cable
Relay Output	NO or NC

10SMARTFOCUS

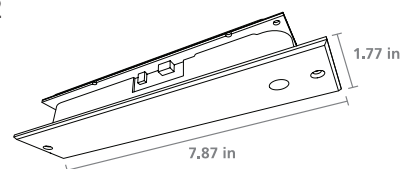
Technology	Focused Active Infrared
Detection Mode	Presence detection by distance measurement
Detection Field	1.38 in $\times$ 2.76 in @ 7.25 ft mounting height
Light Indicator	Red LED: is ON during detection Orange LED: flashes 1x after power on
Response Time	64 ms
Mounting Height	2 ft – 10 ft
Supply Voltage	12 – 24 VAC / VDC -5% / 10%
Mains Frequency	50 – 60 Hz
Max. Current Consumption	120 mA @ 24 VAC / 80 mA @ 24 VDC
Standard Output	Relay (free of potential contact) Max. Contact Voltage Max. Contact Current Max. Switching Power
Monitoring Input	1 optocoupler (free of potential contact) Max. Contact Voltage Voltage Threshold
Hold Time	0.5 s
Reflectivity	min. 10% at IR-wavelength of 850nm
Temperature Range	-13 °F – 131 °F (-25 °C – 55 °C); 0 – 95% rel. humidity, non-condensing
Degree of Protection	IP53
Dimensions	5.67 in (W) $\times$ 1.57 in (H) $\times$ 1.97 in (D)
Length of Main Cable	8.2 ft
Norm Conformity	EN 61000-6-2; EN 61000-6-3; EN 50581; EN ISO 13849-1 Performance Level «c» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle)

DIMENSIONAL DRAWINGS

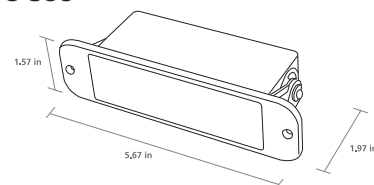
FOCUS



FOCUS 2



SMART FOCUS



RELATED PRODUCTS



10FOCUS
SURFACE MOUNT,
PRESENCE SENSOR



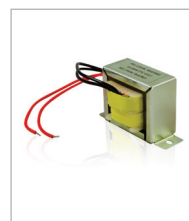
10SMARTFOCUS
RECESSED,
PRESENCE SENSOR



10FOCUS2
RECESSED,
PRESENCE SENSOR



10SMARTFOCUSMA
SMART FOCUS
SURFACE MOUNT
ADAPTER



1024VAC
24 VAC
TRANSFORMER WITH
MOUNTING FEET

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FOCUS FAMILY

FOCUSED ACTIVE INFRARED SENSORS FOR PRESENCE DETECTION

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