



# SMART FOCUS

FOCUSED ACTIVE INFRARED  
PRESENCE SENSORS



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## TECHNOLOGY

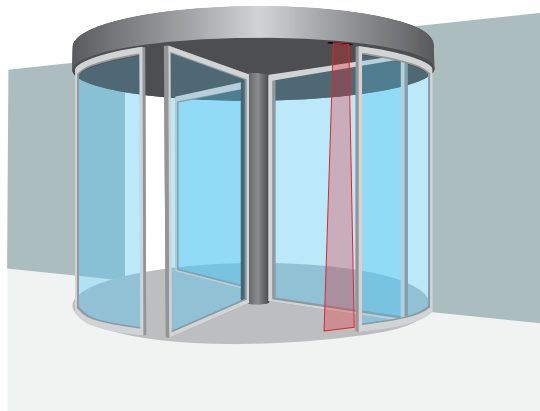


## DESCRIPTION

BEA's **SMART FOCUS** is a focused, active-infrared-based presence sensor designed to effectively detect people and objects.

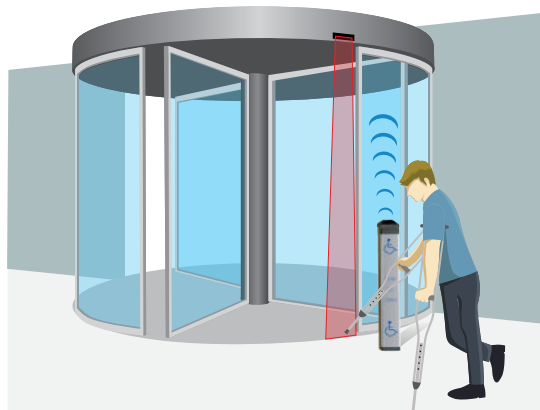
This compact sensor is useful where space may be limited or additional detection is required to complement pre-installed sensors, such as on revolving doors where pinch-zone protection is needed.

The **SMART FOCUS** provides internal and external self-monitoring. Single-button setup ensures easy installation in most common applications.



## Monitoring Capable

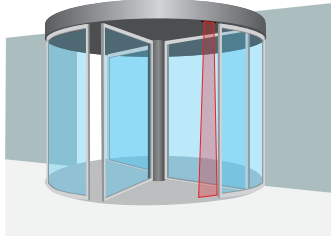
SMART FOCUS is fully monitored



## Low-Profile Detection

Low profile, recessed-mount enables SMART FOCUS to protect pedestrians from contact with the moving door

## APPLICATIONS



Revolving Doors

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Focused Active Infrared
<b>Detection Mode</b>	Presence detection by distance measurement
<b>Detection Field</b>	1 19/60" x 2 19/25" @ 7 1/4' mounting height
<b>Light Indicator</b>	
Red	ON during detection
Orange	Flashes 1x after power on
<b>Response Time</b>	64 ms
<b>Mounting Height</b>	2 – 10'
<b>Supply Voltage</b>	12 – 24 VAC / VDC -5% / 10%
<b>Mains Frequency</b>	50 – 60 Hz
<b>Max. Current Consumption</b>	120 mA @ 24 VAC / 80 mA @ 24 VDC
<b>Standard Output</b>	Relay (free of potential contact)
Max. Contact Voltage	42 VAC / VDC
Max. Contact Current	1 A (resistive)
Max. Switching Power	30 W (DC) / 60 VA (AC)
<b>Monitoring Input</b>	1 optocoupler (free of potential contact)
Max. Contact Voltage	30 V
Voltage Threshold	High state: > 10 V Low State: < 1 V
<b>Hold Time</b>	0.5 s
<b>Reflectivity</b>	min. 10% at IR-wavelength of 850 nm
<b>Temperature Range</b>	-13 – 131 °F (-25 – 55 °C); 0 – 95% rel. humidity, non-condensing
<b>Degree of Protection</b>	IP53
<b>Dimensions</b>	5 3/4" (L) x 1 3/5" (H) x 2" (D)
<b>Length of Main Cable</b>	8'
<b>Norm Conformity</b>	EN 61000-6-2; EN 61000-6-3; 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)

## PRODUCT SERIES



**10SMARTFOCUS**  
Recessed, Presence sensor

## ACCESSORIES



**10SMARTFOCUS SMA**  
Smart focus surface mount adapter

## RELATED PRODUCTS



**1024VAC**  
24 VAC transformer with mounting feet

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