



SMART FOCUS

FOCUSED ACTIVE INFRARED
PRESENCE SENSORS



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TECHNOLOGY

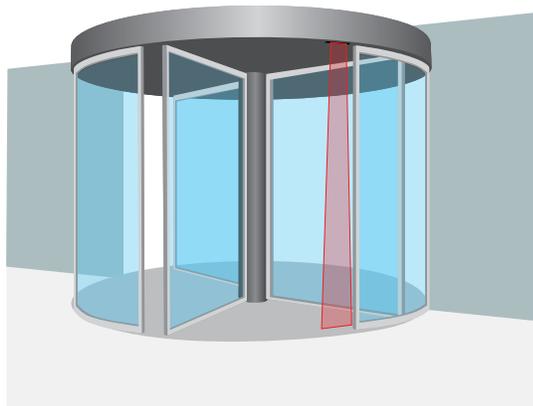


DESCRIPTION

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

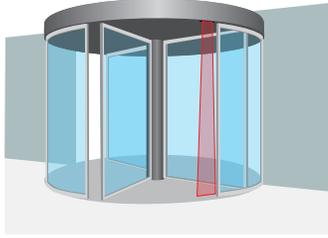
SMART FOCUS is fully monitored



Low-Profile Detection

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

APPLICATIONS



Revolving Doors

TECHNICAL SPECIFICATIONS

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