



FLY KIT

COMPACT PASSIVE INFRARED
REQUEST-TO-EXIT SENSOR



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TECHNOLOGY



DESCRIPTION

BEA's **FLY KIT** is the industry's most compact passive infrared (PIR) sensor, ideal for request to exit (REX) applications.

This low-cost, versatile sensor can be surface mounted above any door or recessed in the ceiling.

Its flexibility and low profile design make it an effective sensor for managing building security and traffic flow.



Precise Infrared Detection

Sensing field adjustment masks provide accurate detection zones (2 included)

Customizable

DIP switches for user-defined settings

Adjustable Access Settings

Extended Relay Time (ERT) version is available for hold times of 15 or 30 seconds

Low Profile Design

Compact, aesthetically pleasing design; packages include both ceiling and surface mount adapters

APPLICATIONS



Request-To-Exit

TECHNICAL SPECIFICATIONS

Technology	Passive Infrared with microprocessor
Mounting Height	
Recommended	6 ½ – 8'
Maximum	10'
Mounting Angles	0 – 180°
Power Supply	12 – 24 VAC ±10% 50 / 60 Hz 12 – 24 VDC –10% / 30%
Current Consumption	< 10 mA (20 mA if the relay output is activated)
Contact Rating	1 A / 75 VDC or 50 VAC potential free contact NO / NC
Optical Characteristics	Passive infrared with four elements 15 Fresnel lenses with full independent masking possibilities
Warm-up Time	10 s
Response Time	
Maximum	200 ms
Relay Hold Time	
Standard Fly	0.5 or 2 s
Fly Extended Relay Time	15 or 30 s
Operating Temperature	-22 – 140 °F (-30 – 55 °C)
Cable	9' 4-conductor cable with 5-pin connector
Weight	1.4 oz (40 g)
Sensor Dimensions	4" (W) × 1 ½" (H) × 1" (D)
Housing Color	Black

*Included in kit

PRODUCT SERIES



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