FLY KIT
COMPACT PASSIVE INFRARED REQUEST TO EXIT SENSOR

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, as well as on the ceiling or wall. The Fly Kit also includes an optional flush mount housing. Its flexibility and low profile design make it an effective sensor for managing building security and traffic flow.

FEATURES & BENEFITS
• Sensing field adjustment masks provide accurate detection zones (2 included)
• DIP switches for user-defined settings
• Extended Relay Time (ERT) version is available for hold times of 15 or 30 seconds
• Compact, aesthetically pleasing design
• Packages include both ceiling and surface mount adapters

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**TECHNICAL SPECIFICATIONS**

- **Technology**: Passive Infrared
- **Mounting Height**: Recommended: 78 to 96 in (6.5 ft to 8 ft)  
  Maximum: 120 in (10 ft)
- **Mounting Angles**: 0° to 180°
- **Power Supply**:  
  - 12 to 24 VAC, ±10% (50/60 Hz)  
  - 12 to 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°F to +140°F  
  (-30°C to +55°C)
- **Cable**: 108 in (9 ft) four-conductor cable with 5-pin connector
- **Weight**: 1.4 oz (40 g)
- **Sensor Dimensions (LxWxH)**: 4.0 in × 1.0 in × 1.8 in

**RELATED PRODUCTS**

**FLY KITS**  
- 10FLYKITB – INCLUDES: 10FLYBLK, 10FSABLK, 10FCABLK  
- 10FLYKITBERT – INCLUDES: 10FLYBLKERT, 10FSABLK, 10FCABLK

**FLY KIT COMPONENTS** (not sold separately)

- 10FLYBLK  
  STANDARD SENSOR – BLACK
- 10FLYBLKERT  
  EXTENDED RELAY TIME – BLACK
- 10FSABLK  
  FLY SURFACE ADAPTER – BLACK
- 10FCABLK  
  FLY CEILING ADAPTER – BLACK
- 70.0011  
  108 INCH CABLE

**DIMENSIONAL DRAWINGS**