3H-IR14
Activation + Safety

Sliding Door Activation and Pedestrian Safety in one Compact Sensor

Infrared Technology, Single Relay Output

- **Compact**
  Smallest sensor on the market that combines door activation with pedestrian safety in one product

- **Pedestrian Safety**
  Double curtain of infrared safety beams protects pedestrians from dangerous automatic door movements

- **Energy Efficient**
  Accurately adjustable detection area reduces false door activations in busy urban environments

- **Reliable**
  Intelligent software along with internal sensor self monitoring ensures safe and reliable operation in all installation environments

www.hotron.com
Technical Specification

Model: 3H-IR14
Detection Method: Active Infrared Reflection
Installation Height: 3.0m (9.84ft) Max
Sensor Dimensions: 210mm (W), 59mm (H), 28.5mm (D)
Sensitivity Adjustment: Available
Detection Area Adjustment: Width Adjustment: Wide or Narrow
Depth Adjustment: Angle Adjustment 0° to +5°
Delete Detection Rows: Row 4 to Row 1
Presence Timer: 2sec, 30sec, 60sec and infinity
Frequency: 4 Frequencies
Monitor Mode: Normal / Snow
Self-Monitoring: OFF / ON
LED Indication:
- Standby = Green
- Detecting = Red
- Door movement is detected = Orange
- Waiting for reset = Orange blinking
- Reflection Diagnostics = Green/Red blinking
Power Supply: 12 to 24V AC or DC ± 10%
Power Consumption:
- AC12V-1.3 [VA] (Max), DC24V-1.5 [VA] (Max)
- DC12V-65 [mA] (Max), DC24V-35 [mA] (Max)
Output:
- Relay Contact 1c
- DC50V 0.1A (Resistor Load) Fail safe
Output Holding Time: Approx 0.5 sec
Operating Temperature: -20°C to +60°C, (-4°F to +140°F)
Weight: Approx. 0.18kg (0.40 lbs)
Available Colours:
- Black: Product Code = 3H-IR14/BL
- Silver: Product Code = 3H-IR14/S

Detection Area (inches/mm)