

AO19 SERIES®

AO19 Safety Presence Sensor Swing Door Mounted Presence Sensor

The Detex 105395 is a door-mounted presence sensor designed to provide safety protection for any swing, bi-fold, revolving and low-energy automatic doors.



Benefits

- The presence sensor mounts on either side or both sides of a door panel, depending upon the application.
- On swing doors, while the door is opening, the presence sensor will sense and protect a person in its path and either slow or stop the door.
- When the door is closing, the presence sensor will sense a person in its path and reopen the door.
- The presence sensor combines the most reliable active infrared technology available with Position Sensitive Detection (PSD) technology found in auto-focus cameras to ensure the precise pedestrian detection within the path of a moving door panel.
- The detection area width can be increased by inserting additional PSD sensor modules into the 34 1/2" long extruded aluminum housing.
- The presence sensor mounts near the top of the door panel out of harm's way. PSD sensor technology automatically focuses the sensor lenses to dipswitch-controlled height settings.
- Each sensor module's detection zone can be adjusted independently.

Features

- Detection Method: Active Infrared with Position Sensitive Detection (PSD)
- Max. Installation Height: 8'6" (2.6m)
- Detection Range: 0'-7'10" (0-2.4m)
- Range Adjustment: 4'7" (1.4m), 5'3" (1.6m), 5'11" (1.8m), 6'7" (2.0m), 7'3" (2.2m), 7'10" (2.4m)
- Presence Timer: Infinity
- Beam Angle Adjustment: 5°, 10°, 15°, 20°, 25°
- Power Supply: 12-24 VAC or VDC ± 10%

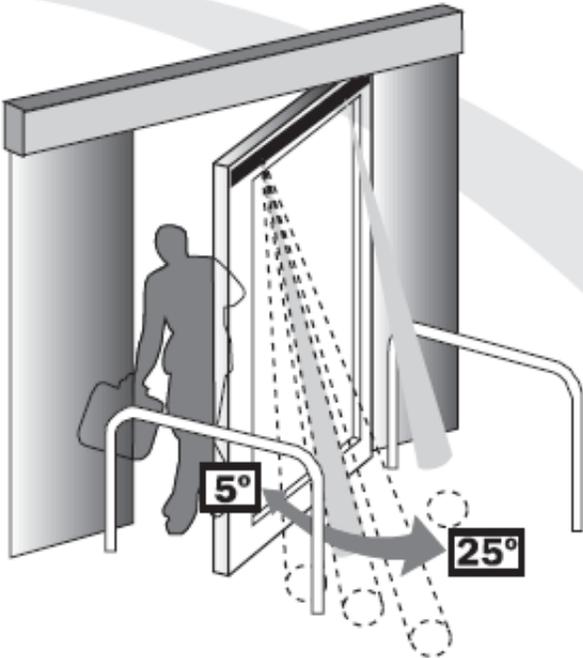
Accessories

- The 105395-1 contains a single PSD sensor module and is ideal for low-energy doors.

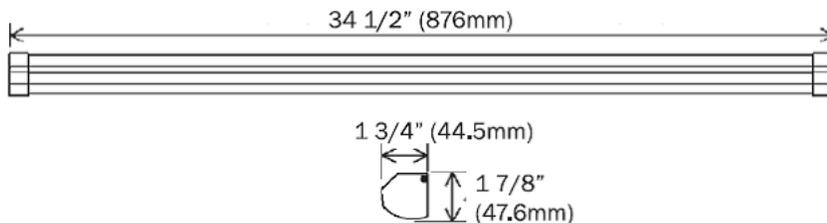
Technical Information

- Power Consumption (per sensor module): AC12V-1.1VA, DC12V-60mA, AC24V-1.6VA, DC24V-35mA
- Weight: 1.8 lbs. (0.8kg)
- Output contact: Form C Relay; DC50V 0.1A Non Voltage 1C
- Temperature Range: -4°F to 140°F (-20°C to 60°C)
- Response time: <50ms
- Delay Hold Time: 0.5, 1, 2, 4.5 sec

Riser Diagram



Dimensions



Listings and Approvals



American National Standards Institute (ANSI)



Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10 & A156.19, A156.27

Warranty

1 Year Limited Manufacturer's Warranty

DETEX[®]
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