

**Product Name**
SafePath™ SSS-1

Swing Door Mounted Presence Sensor

Manufacturer
MS SEDCO
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Indianapolis, IN 46256
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Product Description**BASIC USE**

The SafePath SSS-1 is a door mounted presence sensor designed to provide safety protection for any swing, bi-fold, revolving and low energy automatic doors. On swing doors, while the door is opening, the SSS-1 will sense and protect a person in its path and either slow or stop the door. When the door is closing, the SSS-1 will sense a person in its path and reopen the door.

The SSS-1 combines the most reliable active infrared technology

available with Position Sensitive Detection (PSD) technology found in auto focus cameras to ensure precise pedestrian detection within the path of a moving door panel.

The SSS-1 mounts near the top of the door panel out of harms way. PSD sensor technology automatically focuses the sensor lenses to dipswitch controlled height settings. The detection area width can be increased by inserting additional PSD sensor modules into the 34 1/2" long extruded aluminum housing. Each sensor module's detection zone can then be adjusted independently.

The PSD sensor module consists of a transmitter (TX) and a receiver (RX) that emits a precise detection pattern that functions independently of other modules. Three standard versions of the SSS-1 are available. The SSS-1L1 contains a single PSD sensor module and is ideal for low energy doors. The SSS-1L2 contains two PSD sensor modules doubling detection capability and providing safety for full energy doors. The SSS-1L3 contains three PSD sensor modules for the highest level of safety.

The SSS-1 mounts on either side or both sides of a door panel depending upon the application. They can also be used stand alone or in conjunction with other sensors for complete swing door safety. Consult ANSI A156.10 to ensure proper usage and to meet all safety requirements.

Technical Data

- Combines reliable active infrared and Auto Focus Position Sensitive Detection (PSD) technologies for precise detection
- Mounts at top of door to eliminate potential damage from shopping carts and hospital beds
- One (SSS-1L1), two (SSS-1L2), or three (SSS-1L3) sensor module options available
- Works with any manufacturer's operator
- Adjustable detection angle, distance and width
- Quick-Connect wiring harnesses
- Infinite presence timer
- 12V to 24V AC or DC Operation
- Form C Dry Relay Contact; Output Logic Dipswitch Selectable

SPECIFICATIONS**Model**

SafePath SSS-1 Door Mounted Presence Sensor

Detection Method

Active Infrared with Position Sensitive Detection (PSD) Measurement

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)

Beam Angle Adjustment

5°, 10°, 15°, 20°, 25°

Presence Timer

Infinity

Power Supply

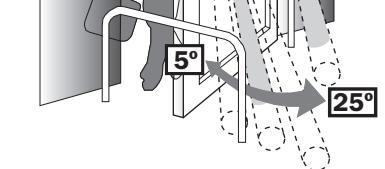
12-24V AC or DC ± 10%

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Power Consumption (per sensor module)	DETECTION AREA
AC12V-1.1VA, DC12V-60mA AC24V-1.6VA, DC24V-35mA	Detection Angle can be changed from 5°-25°, in 5° steps, using Angle Stabilizer.
Output Contact	
Form C Relay; DC50V 0.1A Non Voltage 1C	
Inhibit Input	
DC12-24V±10%; Inhibited when Voltage is Applied	
Response Time	
<50mSec.	
Delay Hold Time	
0.5, 1, 2, 4.5 sec.	
Temperature Range	
-4°F to 140°F (-20°C to 60°C)	
Weight	
1.8 lbs. (0.8 kg)	
Color	
Black	

APPLICABLE STANDARDS

American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10, A156.19, A156.27



* SSS-1L2 with two sensor modules is shown

Availability & Cost

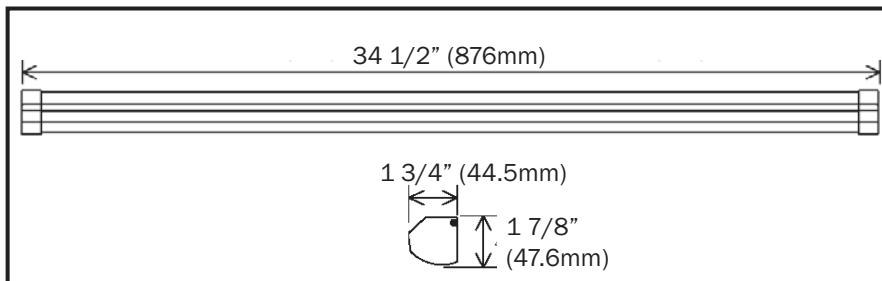
AVAILABILITY

Available internationally from manufacturer's authorized distributors; contact MS SEDCO for the location of nearest distributor.

COST

Cost information on MS SEDCO products is available from the manufacturer's authorized distributors.

DIMENSIONS



Warranty

A three year warranty is available from the manufacturer covering defects in materials and workmanship. Contact MS SEDCO for details.

Maintenance

MS SEDCO recommends that all maintenance and adjustments be performed by an AAADM Certified Technician.

Technical Services

MS SEDCO's staff of factory trained sales and service personnel offer design assistance and technical support. Local distributors are also available to assist in selecting appropriate devices for specific uses and to provide onsite installation.