



ENGINEERED FOR MOTION

## SafePath™ SSS-5 Swing Door Mounted Presence Sensor



**SSS-5**  
Safety Sensor for  
Swing Doors

### Product Name SafePath™ SSS-5

Swing Door Mounted Presence  
Sensor

### Contact Information

MS SEDCO  
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Indianapolis, IN 46256  
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### Product Description

#### BASIC USE

The SafePath SSS-5 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-5 will sense and protect a person in it's path and either slow or stop the door. When the door is closing, the SSS-5 will sense a person in it's path and reopen the door.

The SSS-5 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-5 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 PSD sensor module consists of a transmitter (TX) and a receiver (RX) that emits a precise detection pattern.

The SSS-5 mounts on either side or both sides of a door panel depending upon the application. They can also be used to 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
- SSS-5M1
- 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

<i>Model</i>	SafePath SSS-5 Door Mounted Presence Sensor
<i>Detection Method</i>	Active Infrared with Position Sensitive Detection (PSD) Measurement
<i>Max. Installation Height</i>	8'6" (2.6m)
<i>Detection Range</i>	0'-8'2" (0-2.5m)
<i>Beam Angle Adjustment</i>	5°, 10°, 15°, 20°, 25°
<i>Presence Timer</i>	Infinity
<i>Power Supply</i>	12-24V AC or DC ± 10%
<i>Power Consumption (per sensor module)</i>	AC12V-1.7VA, DC12V-95mA AC24V-2.3VA, DC24V-55mA
<i>Output Contact</i>	Form C Relay; DC50V 0.1A Non Voltage 1C
<i>Response Time</i>	<100mSec.
<i>Delay Hold Time</i>	0.5 sec.
<i>Temperature Range</i>	-4°F to 140°F (-20°C to 60°C)
<i>Weight</i>	SSS-5M1: 1.2lbs. (540g)
<i>Color</i>	Black

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### APPLICABLE STANDARDS

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

### DETECTION AREA

Detection Angle can be changed from 5°-25°, in 5° steps, using Angle Stabilizer.



\* SSS-5M1 with single sensor module 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.

#### 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.

### DIMENSIONS

