

# Door Mounted Sensor (DMS)

## Automatic swinging doors



### Features & benefits

- Housing available up to 102" in length; can be field cut to desired door width.
- Capable of meeting ANSI 156.10 standard for swing door safety when coupled with the DX3336-011 Overhead presence sensor.
- Designed to mount at the top of the door to reduce accidental damage.
- Can be set to background analysis mode to reduce the chance of false detection from faulty environmental situations.
- Capable of external monitoring.

### Description

A door mounted, active infrared safety sensor designed for use on automatic swinging, revolving, folding, and low energy doors.

Uses triangulation to detect the presence of a pedestrian while the door is opening and closing.

Can be used as an individual module or daisy-chained with additional slave modules. This flexibility allows it to be used on both narrow and wide doors. Each module detection zone can be adjusted independently.

### Related products



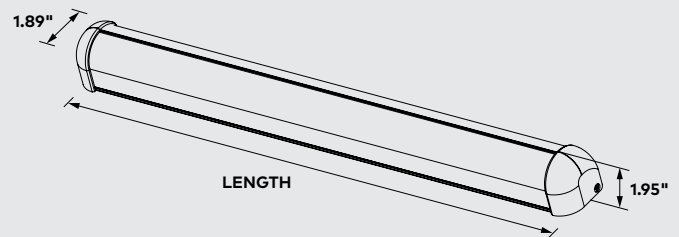
## Technical specifications

<b>Technology</b>	Active Infrared with background suppression
<b>Detection mode</b>	Presence
<b>Measurement of distance</b>	Triangulation
<b>Power supply</b>	12 – 24 VAC ±10% / 12 – 24 VDC ±10%
<b>Detection range</b>	0"– 96" (0' – 8')
<b>Max. mounting height</b>	96" (8')
<b>Detection signal duration</b>	Infinite presence detection
<b>Detection time</b>	< 50 ms
<b>Input inhibit</b>	12 – 24 VAC ±10% / 12 – 24 VDC ±10% / Inhibited when voltage is applied
<b>SMR input data</b>	12 – 18 VDC, Inhibited when voltage is applied
<b>Output interface / relay</b>	
<b>Maximum contact rating</b>	1 A @ 30 V (resistive)
<b>Hold time</b>	0.1 s – 4.5 s
<b>LED indications</b>	
<b>Primary sensor</b>	Red LED = Detection Green LED = Active output
<b>Secondary sensor</b>	Red LED = Detection
<b>Operating temperature range</b>	-30 °F – 140 °F
<b>PCB dimensions</b>	
<b>Master</b>	10.91" (W) × 1.5" (H)
<b>Slave</b>	8.75" (W) × 1.5" (H)
<b>Connection (door controller)</b>	8-position screw terminal on Master PCB
<b>Connection (master to slave)</b>	Flat ribbon cable with connectors and key lock
<b>Max. number of slaves</b>	Standard = 9 With monitoring = 8
<b>Functions selection</b>	Detection mode — NO or NC Normal mode or background analysis mode

## Model options

Part number	Description
<b>DX3336-57</b>	1 Master 34.5" (end cap to end cap)
<b>DX3336-58</b>	1 Master 42" (end cap to end cap)
<b>DX3336-14</b>	1 Master 1 Slave 34.5" (end cap to end cap)
<b>DX3336-59</b>	1 Master 1 Slave 40" (end cap to end cap)
<b>DX3336-60</b>	1 Master 1 Slave 44" (end cap to end cap)

### DX3336-030 dimensional drawing



© dormakaba 2024 Information on this sheet is intended for general use only. dormakaba reserves the right to alter designs and specifications without notice or obligation.

**Any questions? We would be happy to advise you.**

Contact us at: 1-800-265-6630