

Acusensor M

Activation/Presence Sensor

NABCO 



Product Features and Benefits

- Ability to see back through the threshold, **enhancing safety**
- Easy to install, adjust, and service for **shorter downtime of the door**
- Engineered for sliding, swinging, and folding doors **covering a wide variety of applications**
- Monitoring the capability of the presence zone in front of the doorway **ensures pedestrian protection**
- Ability to recognize the difference between approaching and departing pedestrians **optimizes energy efficiency**

Acusensor M Activation / Presence Sensor



The Acusensor M offers the latest sensor technology assuring the safe passage of pedestrians through entrances. The advanced detection function provides the ability to pinpoint detection areas, identify pedestrians stopped in the door threshold area and decreases interference caused by snow and rain. The sensor's new ECO function reduces the influx of wind and dust while promoting energy efficiency by disregarding pedestrians walking away from the door, thus allowing the door to close sooner. Offering the self-monitoring function, the Acusensor M has the ability to continually monitor the effectiveness of the presence zone - it's where PERFORMANCE meets SAFETY.

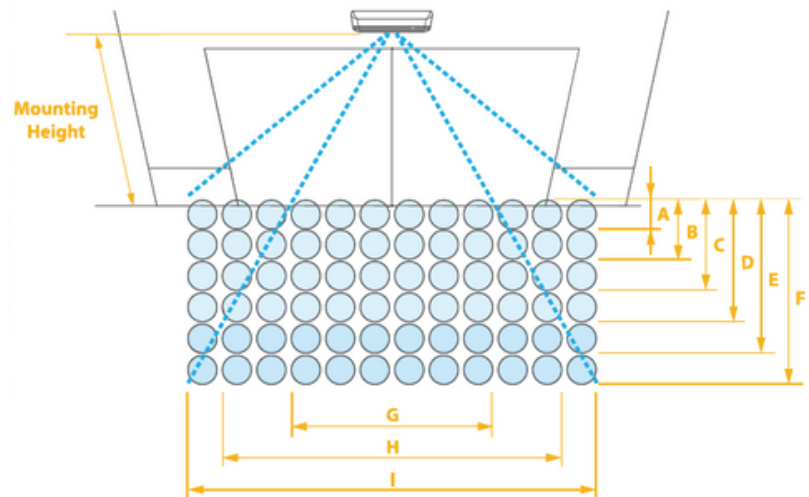
PRODUCT INFORMATION

Detection method	Near infrared reflection (Motion/Presense)
Applicable door	Sliding/swinging/folding
Mounting height	78" to 118" (2.0m to 3.0m)
Color	Black or silver cover
Full color LED	Displays operating status
Acusensor M "kit"	Part #A-01306 (includes sensor and harness)
Sensor only	Part # V-00741
Harness only	Part # A-01292

TECHNICAL INFORMATION

Detection area	Width 114" x depth 72" (78" with optional angled spacer) @ mounting height of 87"
Output contacts rating	Non-polarized, no-voltage, semi conductor relay output 30VAC/50VDC, 0.1A (resistance load) N.O. or N.C. When set to N.O.: - No detection "Open" - Detection "Closed" - Power failure "Open" - Sensor malfunction "Closed"
Weight	Approximately 10 ounces (285g)
Angled spacer	Optional
Adjustable detection area	• Depth • Width
ECO mode	Closes door earlier for pedestrians moving away from door
Input voltage	12 to 24 volts AC or DC
Power consumption	3VA or less @ 24VAC 80mA or less @ 24VDC 150mA or less @ 12VDC
Output	Non-polarized semi-conductor relay, N.O. or N.C. Max 100mA @ 30VAC/50VDC
Operating temperature range	Minus 31° F (minus 35° C) to 140° F (60° C)

Detection Area Chart



Air Emitting Area

Without Angled Spacers (Area Adjustor set at 0 degrees)					
MOUNTING HEIGHT		78" (2.0mm)	87" (2.2m)	98" (2.5m)	118" (3.0 m)
Depth	A	4" (100mm)	4" (110 mm)	5" (120mm)	6" (150mm)
	B	15" (390mm)	17" (430mm)	19" (480mm)	23" (580mm)
	C	26" (650mm)	28" (720mm)	32" (820mm)	39" (980mm)
	D	38" (960mm)	41" (1050mm)	47" (1200mm)	57" (1440mm)
	E	51" (1300mm)	56" (1430mm)	64" (1620mm)	77" (1950mm)
	F	63" (1600mm)	72" (1820mm)	82" (2070mm)	98" (2490mm)
Width	G	48" (1220mm)	53" (1350mm)	60" (1530mm)	72" (1840mm)
	H	83" (2100mm)	91" (2320mm)	104" (2630mm)	124" (3160mm)
	I	104" (2640mm)	114" (2900mm)	130" (3300mm)	156" (3960mm)

NABCO Service and Specifications

Along with the NABCO factory branches, NABCO has the largest independently owned network of automatic door distributors in North America. Their friendly, qualified installers and technicians always strive to exceed your expectations from install to after-sales service. NABCO's factory branches and independent distributors provide AAADM-certified technicians to ensure your doors meet all ANSI A156.10 standards.

Complete three-part specifications and CAD drawings are available on the NABCO website.



Member of the **Nabtesco** Group



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