# MS08

ADJUSTABLE RANGE MICROWAVE
TOUCHLESS ACTUATOR




**VIDEO**

Watch the product video

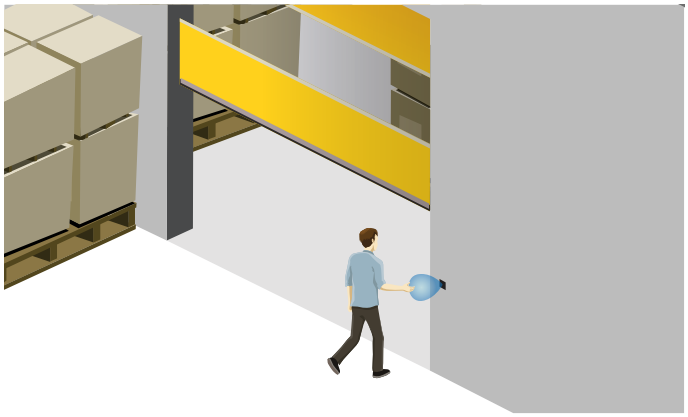
**TECHNOLOGY**

**CERTIFICATIONS**

## DESCRIPTION

BEA's **MS08** utilizes proven microwave motion technology to ensure consistent, dependable touchless activation and can be adjusted to comply with the ANSI 156.10 knowing act standard.

The **MS08** detects moving objects such as a hand, cart or wheelchair and is ideal for use in hospitals, pharmacies, clean rooms, food service facilities and other applications requiring a hygienic activation method.

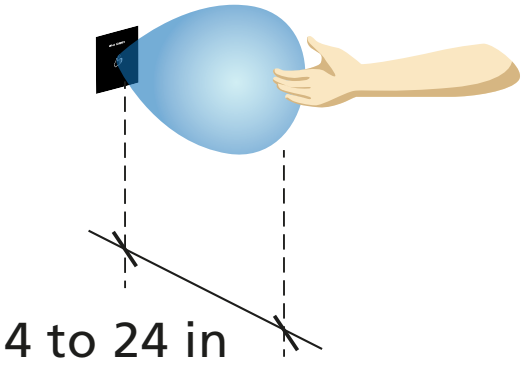


### Adjustable Detection Zone

Detection zone from 4 – 24 inches (pulse or toggle)

### Silent Activation

Silent activation for hospitals and other noise-sensitive environments




### Low Profile Design

Low profile, beveled design reduces chance of accidental damage in high traffic areas

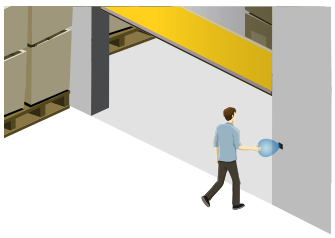
### Various Faceplates Available

Available in white, black or cream faceplate; options for single double gang boxes

## APPLICATIONS


Dual Egress


Sliding Doors


Industrial Doors


Swing Doors



## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Technology** | Microwave Doppler Radar |
| Radiated Frequency | 24.125 GHz |
| Radiated Power Density | < 5 mW / cm² |
| **Detection Mode** | Motion (bidirectional) |
| **Detection Range** | 4 – 24" (adjustable) |
| **Output** | Relay with switch-over contact (voltage free) |
| Max. Contact Voltage | 60 VDC / 125 VAC |
| Max. Contact Current | 1 A (resistive) |
| Max. Switching Power | 30 W (DC) / 60 VA (AC) |
| **Output Hold Time** | 0.5 s (in pulsed mode) |
| **Supply Frequency** | 50 – 60 Hz |
| **Supply Voltage** | 12 – 24 VAC ±10%<br>12 – 24 VDC 30% / -10% |
| **Power Consumption** | < 1.5 W |
| **Material** | ASA, Nylon, PC |
| **Cable Type** | Standard cable up to 16 AWG - 1.5 mm² |
| **Temperature Range** | -4 – 131 °F (-20 – 55 °C) |
| **Norm Conformance** | EMC: 2004 / 108 / EC<br>FCC: G9B-MS08<br>IC: 4680A-MS08 |

## PRODUCT SERIES



**10MS08U**
Single & Double gang faceplates



**10RD900**
900 MHz Receiver



**10TD900TR**
900 MHz retrofit transmitter

| | |
|---|---|
| **70.5226** | Single gang black with text |
| **70.5227** | Double gang black with text |
| **70.5272** | Single gang solid black |
| **70.5273** | Double gang solid black |
| **70.5278** | Single gang black with logo |
| **70.5279** | Double gang black with logo |
| **70.5268** | Single gang white with text |
| **70.5269** | Double gang white with text |
| **70.5274** | Single gang solid white |
| **70.5275** | Double gang solid white |
| **70.5270** | Single gang cream with text |
| **70.5271** | Double gang cream with text |
| **70.5276** | Single gang solid cream |
| **70.5277** | Double gang solid cream |
| **MS08U CUSTOM** | 10MS08U plus choice of any one of the additional faceplates |

**MS08** ADJUSTABLE RANGE MICROWAVE TOUCHLESS ACTUATOR

**EXENCIÓN DE RESPONSABILIDAD** La información se proporciona con la condición de que las personas que la reciban tomarán su propia determinación en cuanto a su idoneidad para sus fines antes de su uso. En ningún caso BEA será responsable por daños de cualquier naturaleza que resulten del uso o la dependencia de la información de este documento o de los productos a los que se refiere la información. BEA tiene el derecho sin responsabilidad de cambiar las descripciones y especificaciones en cualquier momento.



**BEA** AMERICAS / RIDC Park West / 100 Enterprise Drive / Pittsburgh, PA
**T** 1-800-523-2462 / **F** 1-888-523-2462 / **E** info-us@BEAsensors.com

A **Halma** company

79.0210.15 • 20200121