MS08

ADJUSTABLE RANGE MICROWAVE
TOUCHLESS ACTUATOR

VIDEO

Watch the product video

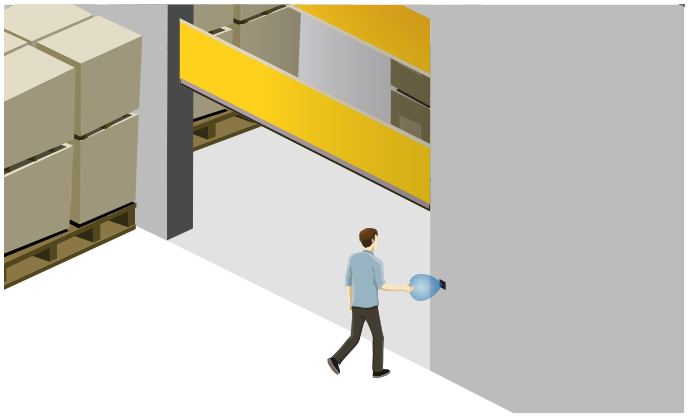
TECHNOLOGY

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.

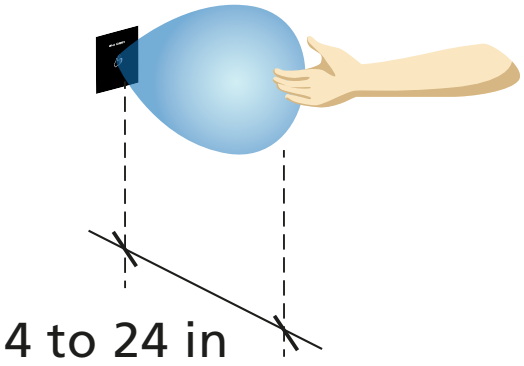


Adjustable Detection Zone

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

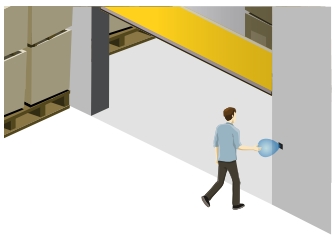
Various Faceplates Available

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% 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 FCC: G9B-MS08 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

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