MS09

IP65 RATED, MICROWAVE
TOUCHLESS ACTUATOR

VIDEO

Watch the product video

TECHNOLOGY

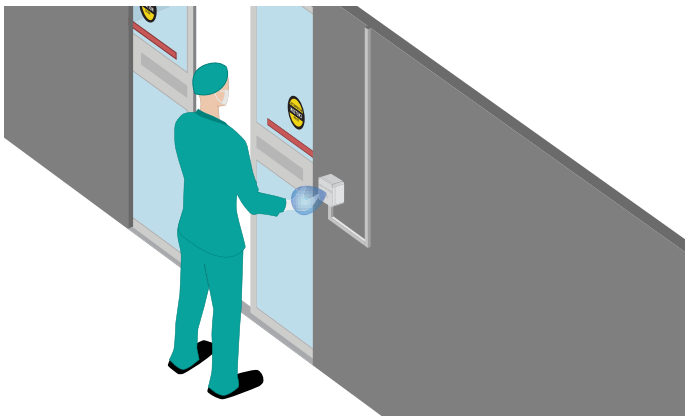
CERTIFICATIONS

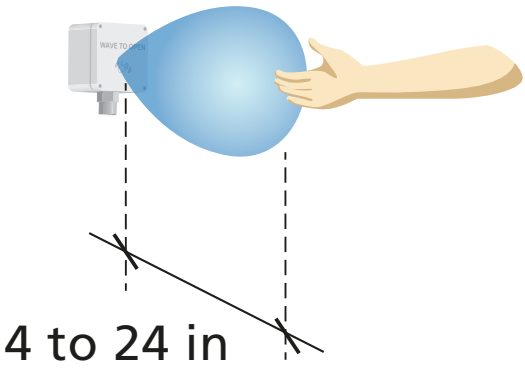
DESCRIPTION

BEA's IP65 rated **MS09** is a touchless activation device with an adjustable detection zone designed for harsh and industrial environments.

The surface mount **MS09** utilizes microwave motion technology to ensure consistent and dependable activation. Conduit connectivity ensures a watertight installation in harsh environments and wash-down facilities.

The **MS09** detects moving objects such as a hand, pallet jack or forklift and is ideal for applications requiring a touchless activation method including hospitals, pharmacies, clean rooms and food services.





Weather-Resistant Housing

IP65 enclosure capable of use in industrial and extreme environments, as well as washdown facilities

Adjustable Detection Zone

User defined detection zone from 4 – 24 inches (pulse or toggle)

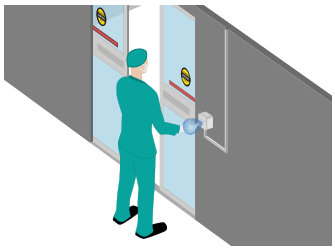
Appropriate For All Environments

Can be used in a variety of indoor and outdoor applications.

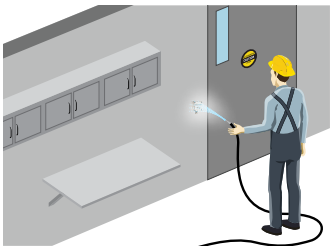
No Mounting Accessories Needed

External mounting boxes are not required

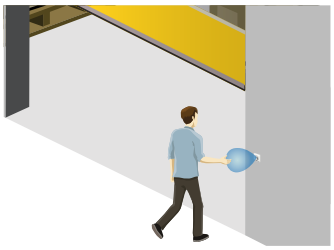
APPLICATIONS



Clean Rooms



Washdown Areas



Industrial Environment

TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Radiated Power Density	5 mW / cm²
Detection Mode	Motion (bidirectional)
Sensing Zone**	4 – 24" (adjustable)
Output	Relay with switch-over contact (free of potential)
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 pulse mode)
Supply Voltage	12 – 24 VAC ±10% 12 – 24 VDC 30% / -10%
Power Consumption	< 1.2 W
Material / Colors	ABS / PC, White
Cable Type	Compatible with standard, 4-conductor low voltage cable (cable not supplied)
Temperature Range	-4 – 131 °F
Degree of Protection	IP65
Norm Conformance	EMC: 2004 / 108 / EC FCC: G9B-MS08 / 2ABWS-10TD900PB IC: 4680A-MS08 / 4680A-10TD900PB
Dimensions	3.15" (W) × 3.23" (H) × 2.165" (D)

** See User's Guide

PRODUCT SERIES

10MS09TL
Text & Logo faceplate

10MS09L
Logo only faceplate

10RD900
900 MHz Receiver module

10TD900TR
900 MHz retrofit transmitter

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