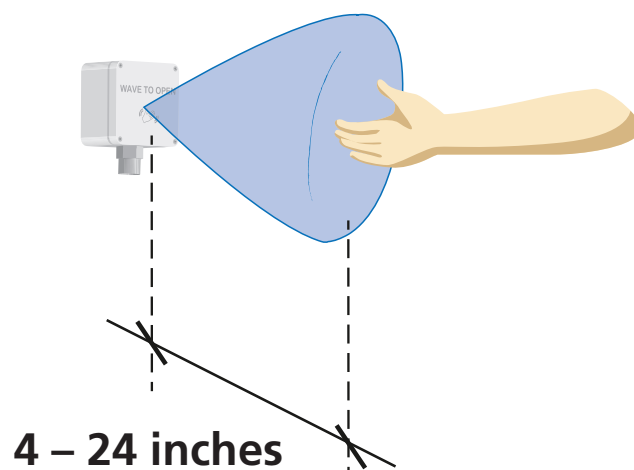


MS09

NEMA 4 RATED, MICROWAVE TOUCHLESS ACTUATOR



PRIMARY APPLICATIONS



DESCRIPTION

BEA's NEMA 4 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.

FEATURES & BENEFITS

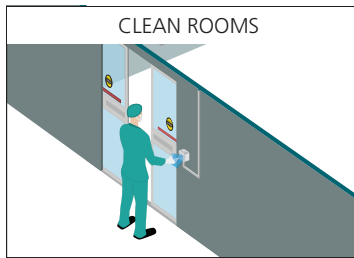
- NEMA 4 / IP65 enclosure capable of use in industrial and extreme environments, as well as washdown facilities
- User defined detection zone from 4 – 24 inches (pulse or toggle)
- Can be used in a variety of outdoor and off-door applications
- External mounting boxes are not required



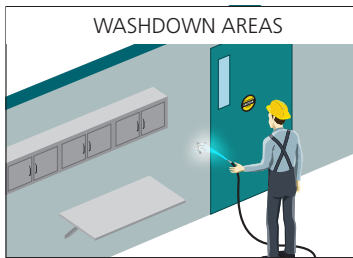
BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

APPLICATIONS



CLEAN ROOMS



WASHDOWN AREAS

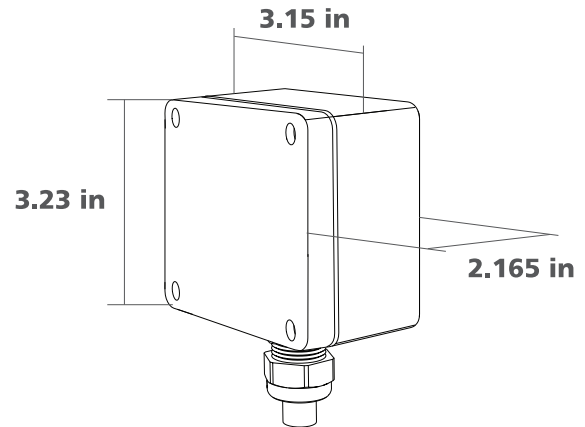


INDUSTRIAL ENVIRONMENT

TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Radiated Frequency	24.125 GHz
Radiated Power Density	5 mW / cm ²
Detection Mode	Motion (bidirectional)
Detection Range	4 in – 24 in (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 °F – 131 °F (–20 °C – 55°C)
Degree of Protection	NEMA 4 / IP65
Norm Conformance	EMC: 2004 / 108 / EC FCC: G9B-MS08 / 2ABWS-10TD900PB IC: 4680A-MS08 / 4680A-10TD900PB
Dimensions	3.15 in (W) × 3.23 in (H) × 2.165 in (D)

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10MS09TL
TEXT & LOGO
FACEPLATE



10MS09L
LOGO ONLY
FACEPLATE



10RD900
900 MHz RECEIVER
MODULE



10TD900TR
900 MHz RETROFIT
TRANSMITTER

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MS09

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