



MAGIC SWITCH INDUS

Touchless opening sensor
for industrial doors



APPLICATIONS



TECHNOLOGY

Radar



DESCRIPTION

The **MAGIC SWITCH INDUS** is a touchless opening solution for industrial doors and a hygienic and easy-to-install alternative to push buttons, pull-cords, and other manual activators. One hand motion in front of the sensor opens the door, completely contactless. The **MAGIC SWITCH INDUS** is an optimal solution in industrial environments where hygiene, robust design and a high protection against dust and water infiltration are required.



Touchless & hygienic

Opening solution reducing touchpoints in industrial environments where hygiene is essential (food industry, cleanrooms, storage areas, etc).

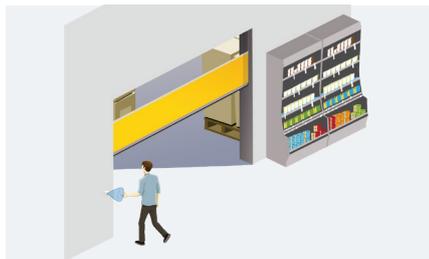
Industrial design

Robust design and high protection degree against infiltration of dust and splashing water (IP65).

Easy-to-install

Alternative to mechanical activators like pull-cords and easy adjustment to your application.

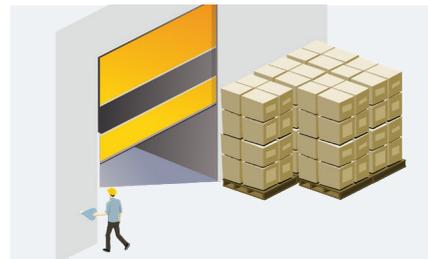
APPLICATIONS



Food industry



Cleanrooms

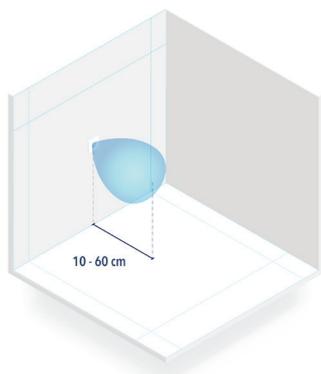


Storage areas

INSTALLATION

- Adjustable detection field via potentiometer
- Pulse or toggle mode and LED colour logic via DIP-switch
- IP65 housing

TECHNICAL SPECIFICATIONS



Technology	Microwave motion sensor
Radiated frequency	24.150 GHz
Radiated power	< 20 dBm EIRP
Radiated power density	< 5mW/cm ²
Detection field size	+/- 10 to 60 cm if movement towards sensor at 90° (adjustable)
Detection mode	Motion (bidirectional)
Speed of target to create detection	Min. 5Hz or +/- 3cm/s, Max. 200Hz or +/- 1.2m/s
Supply voltage	12 - 24V AC +/- 10%(50 - 60 Hz) 12 - 24V DC +30% / - 10%
Power consumption	< 1.5W
Output	Relay with switch-over contact (voltage free) Max. voltage: 60V DC / 30 VAC Max. current: 1A (resistive) Max. switching power: 15W
Output holdtime	0.5s (in PULSE mode)
Temperature range	-20°C to +55°C
Degree of protection	IP65
Material	PC
Wiring cable	Stranded cable up to 16 AWG - 1.5mm ²

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WWW.BEASENSORS.COM



BEA s.a. / LIEGE Science Park / Allée des Noisetiers 5 / 4031 Angleur • BELGIUM
T +32 (0)4 361 65 65 / F +32 (0)4 361 28 58 / E info-eu@beasensors.com

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