

Recessed Door Magnet Sensor | Model: S-MP-R12-DRWH



Specifications

- DC Input Voltage: 12-24VDC
- Auxiliary Output Voltage: 0-10VDC
- Sensor Input Voltage: 12-24VDC
- Operating Temperature: -22° to 158°F (-30° to 70°C)
- Optional Power Supply
- Controller Dimensions: 3.25" x 1.5" x 0.25"
(82.5 x 38 x 6.35 mm)

Description

The recessed in-door magnetic contact sensor can control the nodes of the group where it is assigned. Powered from 12–24 VDC, it publishes door-open/door-closed events to a mesh group and can also mirror those events on its auxiliary 0–10 V output to control one or multiple 0–10 V loads.

Installation

The installation of the Recessed Door Magnet Sensor is very simple. The controller of the Magnet sensor is powered by a 12-24VDC and it will be positioned above the door, where more convenient for the installer.

The sensor, available in White, Brown, Black, or Gray has a diameter as small as 3/8" that will blend with any finish.

Applications

For standard swinging doors that accept a 3/8" recessed magnetic contact, the sensor installs with a low-profile finish. Use it on entry doors to trigger a welcome scene when opened and return to vacancy when closed; on closets, pantries, or cabinets to activate lighting only when needed; and on millwork or service doors to control corridor or zone groups without surface hardware. Ideal for minimalist interiors—such as guest rooms, offices, and conference rooms—it provides hands-free, door-state control of lighting and other grouped devices.

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Typical maximum distance:

Outdoor (line of sight):	
Indoor (through building material):	200ft
Glass:	100ft
Drywall:	70ft
Cinderblock:	60ft
Brick:	50ft
Concrete + rebar	0ft

Devices with external antenna should have the antenna outside any metal box and away from metal surfaces as metal reduces connectivity.

For design purposes a 60ft. maximum distance is appropriate for most installations.

Certifications



MAGNET



SWITCH

