

Door Switch Kit



Features

- Surface-mount magnetic contacts
- Screw mount using side tabs, mounting screws included
- Terminal cover provided
- ABS plastic case has lip to prevent wires from accidentally touching metal mountings
- Slotted mounting holes for easier gap adjustment
- Contact reed switch is SPST
- For closed loop circuits
- 19mm [3/4"] operating gap

Overview

The Door Switch Kit is used with the DegreeC Rooster™ Pressure100 to indicate whether a door is open or closed in a critical space where room pressure is monitored.

The Door Switch Kit consists of a dry contact sensor with screw terminals and a 10-position connector which mates to the input connection of DegreeC's Rooster™ Pressure100 display module.

Specifications

Door Switch	
Loop Type	Closed loop
Configuration	Normally Open (SPST)
Operation Gap	19mm [3/4"]
Switch & Magnet Connector Type	Screw terminal
Material - Case	ABS plastic
Material - Contacts	Gold plated
Contact Rating	1.0A @ 10VDC max, 10W max
Operating Temperature	-15°F - 160°F (-25°C - 70°C)
Switch Cycles	50 Million (0.1mA @ 5VDC)
Switch Dimensions	63mm x 14mm x 13mm 2.5" x 0.6" x 0.5"
Magnet Dimensions	63mm x 13mm x 13mm 2.5" x 0.5" x 0.5"
Magnet Type	Ferrite
Display Module Connector	
Input Connector	10-position polarized Phoenix Contact 1803659

Note:

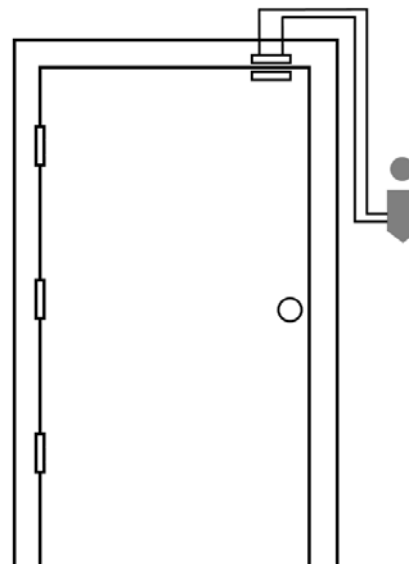
When connecting multiple switches to the Rooster™ Pressure100, wire switches in series.

Installation

1. Mount the contact above the door on the frame. Ensure that mounting is furthest from the hinged side of door.
2. Connect two wires to the contact terminals and to the Phoenix connector.
3. Plug the Phoenix connector into the input connection of the Rooster™ Pressure100.
4. Mount the magnet on the door such that it is facing the contact. The gap between contact and magnet should not exceed the operation gap.

Note:

Spacers are included for difficult or misaligned installations.



Degree Controls, Inc.

is an ISO-9001 certified, world-class designer and manufacturer of airflow sensing, monitoring, and control solutions. With over 25 years of proven experience, we pride ourselves on delivering solutions which provide the value, differentiation, and service required by our customers, to meet the rapidly changing competitive landscape that they face.

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