

## Features

- Surface mounting
- Pressure pad switch activation
- Normally Open (NO) switch configuration
- Contact Form / Style: Normally open
- Flat pad
- Sensor

## RS PRO Door Sensors & Window Sensors

RS Stock No.: 918-4756



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

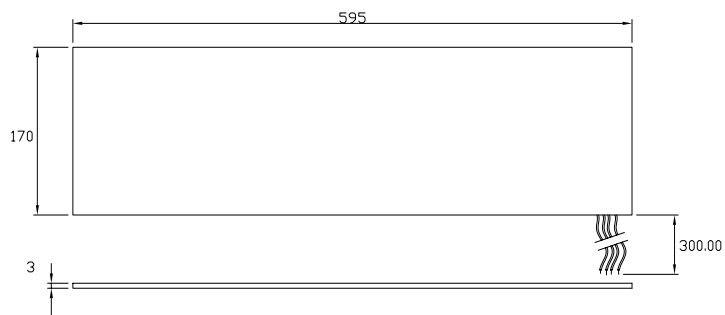
Use this RS PRO pressure mat as a discreet way to monitor the presence of people in your workspace, this RS PRO pressure mat is an ideal solution. It's a flat pad that can be placed easily under a carpet, vinyl flooring or furniture upholstery. The sensor is triggered when a load of more than 25 kg is applied over a 50 mm<sup>2</sup> area. The mat is made of seam-welded PVC (polyvinyl chloride), so it can withstand repeated use and has a long lifespan. You can use this mat for security at the entrance to a building, to detect when furniture is occupied, and as part of an interactive multimedia installation.

## General Specifications

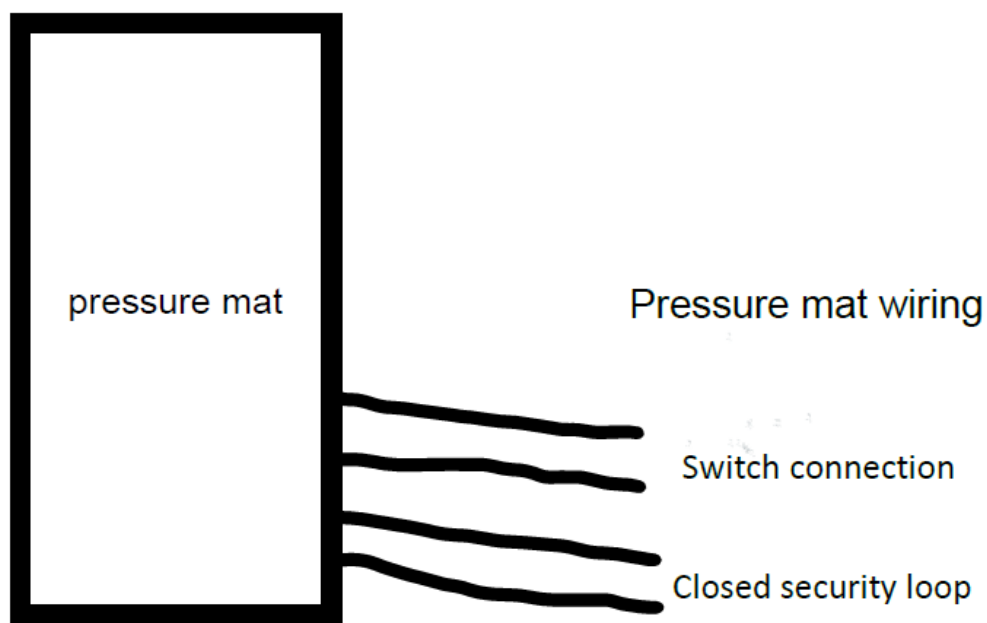
|                       |   |
|-----------------------|---|
| Contact Form / Style  |   |
| Operating Pressure    | 25Kg over 50mm <sup>2</sup> Max Volts AC  |
| Ingress Protection    | 64 (Not Waterproof)   |
| Operating Temperature | - 10° to 70°Celsius   |
| Mat Material          | Seem welded PVC   |
| Cable                 | 0.22mm <sup>2</sup> Black PVC insulated   |
| Applications Include  | Alarm systems.<br>Automatic door operation.<br>Patient bed monitoring.<br>Seat occupancy detection.   |
| Options               | 16Kg pressure model.<br>Various sizes available.<br>Custom cable types, cable lengths, connectors or crimp terminals available.<br>If you do not see what you need, just ask, as there is a strong possibility we can do it ! |

## Electrical Specifications

|                    |                              |
|--------------------|------------------------------|
| Switching Voltage  | 25 Max Volts DC              |
| Switching Current  | 0.25 (Resistive) Max Amps DC |
| Switching Load     | 10 W/VA                      |
| Carry Current      | 0.25 (Resistive) Max Amps DC |
| Contact Resistance | 1 Typical Ohms               |



Drawings not to scale  
All dimensions in mm nominal



**Installation note:** To identify the wires please use a continuity meter.

With no load placed upon the mat, the two adjacent wires connected to the pressure mat switch surfaces will show an open circuit. The other two adjacent wires (security loop) will show as being a closed circuit.