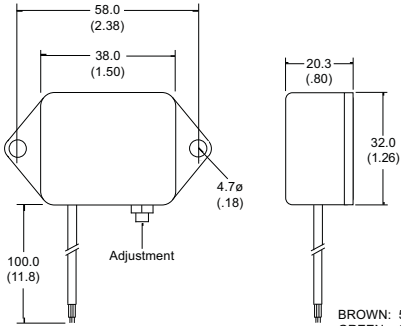
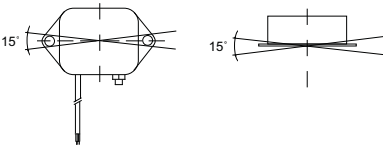


**Part Number : CW 60A/30**  
**Tilt Sensor Module - Non Mercury Contacts**  
**Product Data Sheet**

| PICTURE                                                                           | DIMENSIONS                                                                                                                           | CONTACT FORM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  <p>BROWN: 5V<br/> GREEN: 0V<br/> WHITE: Output</p> |  <p>These sealed tilt sensor has a differential angle of 15°. The output signals are logic levels with a degree of debouncing applied. The amount of debounce is adjustable via a potentiometer. The output signal can be used to drive a transistor if required. The amount of damping is adjustable via a small 20 turn potentiometer mounted on the case, viewed at the screwdriver entry point. A clockwise adjustment will decrease the amount of damping anti clockwise will increase this.</p> <p><b>Applications</b></p> <ul style="list-style-type: none"> <li>• Position and limit sensing</li> <li>• Linear actuators</li> <li>• Security system switch</li> <li>• Door Switch</li> </ul> <p><b>Options</b></p> <ul style="list-style-type: none"> <li>• Custom cable lengths, strip lengths, cable types, terminations.</li> <li>• If you do not see what you need, just ask, as there is a strong possibility we can do it !</li> </ul> |

✓ RoHS Compliant

Drawings not to scale. All Dimension in mm(in) nominal

| TECHNICAL SPECIFICATIONS |                    |      |        |
|--------------------------|--------------------|------|--------|
| Contact Form / Style     | See above          |      |        |
| Supply Voltage           | 5                  | Max. | VDC    |
| Supply Current           | 40                 | Max. | mA     |
| Output                   | 24mA max at 5 V DC |      |        |
| Differential Angle       | 15                 | Max. | Deg°   |
| Operating Temperature    | -20° +70°          |      | Deg °C |
| Storage Temperature      | -25° +70°          |      | Deg °C |
| Case Material            | ABS                |      |        |

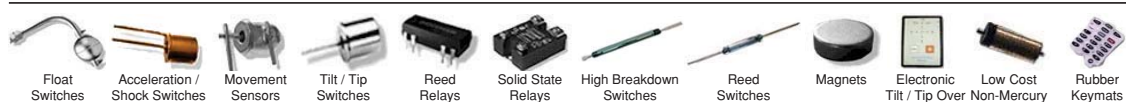
This product is fully sealed to give maximum mechanical protection and minimise the ingress of dust and moisture. As a guide, the product is expected to meet the requirements of IP65.

| REV. NO. | REVISION NOTE      | DATE     | SIGNATURE |
|----------|--------------------|----------|-----------|
| E        | Datasheet Redesign | Dec 2009 | LG        |

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.



**TAKE A LOOK AT OUR VARIETY OF PRODUCTS**



## We are here for you. Addresses and Contacts.

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Scan here and get an overview of personal contacts!



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