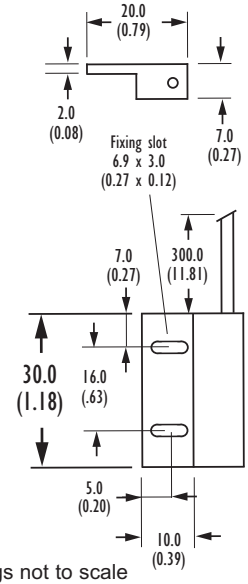
Tilt Switch Module - Non Mercury Contatcts
Part Number : TSW 30/60
Product Data Sheet

PICTURE



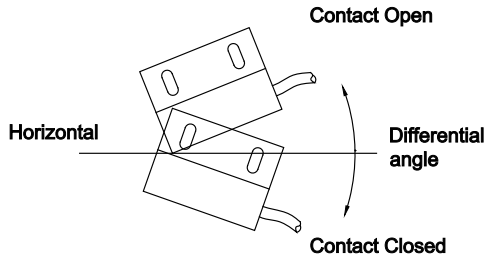
✔RoHS Compliant

DIMENSIONS



Drawings not to scale
All dimensions in mm nominal

CONTACT FORM



Contact Form / Style

These switches operate when tilted from the horizontal position.
The switch movement required to cause contact change (example off to on) is called the differential angle. It is very important when designing a tilt switch to allow for the differential angle and understand that when in the horizontal position the switch contact may be open or closed.

This module operates with the housing in any orientation.

SPECIFICATION

Contact Form / Style		See above
Switching Voltage	Max Volts	60
Switching Current	Max Amps	0.25A Max
Switching Capacity (Resistive)	Max VA	3 Max
Contact Resistance	Max Ohms	30 Ohms measured 10° below horizontal at 5VDC
Differential Angle	Max Deg°	15°
Make Angle	Max Deg°	10° below horizontal
Break Angle	Max Deg°	10° above horizontal
Operating Temperature	°Celsius	-20°C -85°C
Case Material		Nylon 66
Cable		2 x 0.14² PVC insulated

Applications Include

- Safety tilt sensing.
- Toy production.
- Security system switch.
- Production automation.

Options

- Colour: Standard = Blue housing / Grey wire.
  Also available Black housing / Black wire.
- Cable Entry: Standard = Right hand entry.
  Also available Left hand entry.
- Custom cable lengths, strip lengths, cable types, terminations.
- If you do not see what you need, jusk ask, as there is a strong possibility we can do it !

Rev. No.	Revision Note	Date	Signature
5	Datasheet update	06-01-12	ML

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.

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