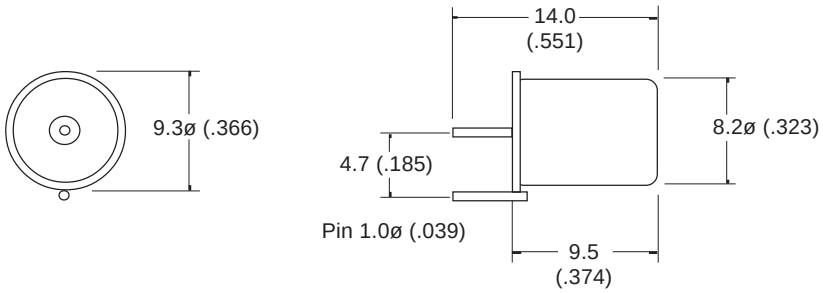
# ASSEMtech Europe Ltd

PRODUCT DATA SHEET




Drawings not to scale
All dimensions in mm

This non-mercury sensor has been specifically designed for the detection of movement and vibration. The sensor is non position sensitive offering a similar level of sensitivity whatever its position and has been designed for use with analogue or digital circuitry. The sensor reacts when disturbed by giving a fleeting change of state (ie n/o to n/c or vice versa). The time taken to settle depends on the amount of energy absorbed by the device, the settled state will be random unless mounting attitude is chosen for a n/c output.

The low contact resistance of this device makes it ideal for incorporating into new or existing designs.

## SPECIFICATION

| | | |
|---|---|---|
| SWITCHING VOLTAGE | Max. Vac | 24 |
| SWITCHING CURRENT | Max. A | 0.025 |
| SWITCHING CAPACITY | Max. VA | 5 |
| OPERATING ANGLE | Max. °Deg | N/A |
| CONTACT RESISTANCE | Max. Ω | 5 |
| OPERATING TEMPERATURE | Deg. ˚C | -37˚ +100˚ |
| STORAGE TEMPERATURE | Deg. ˚C | -40˚ +125˚ |
| CASE MATERIAL | | Steel - Gold plated |
| CABLE/TERMINATION | | Pin |
| FEATURES | | Non-mercury contacts<br>Omni-Directional |

NOTE: When cutting switch leads it is important that the glass seal is not damaged. The cutting point should be no closer than 3mm to the glass to metal seal and the lead should be supported between the cutting point and the glass to metal seal.

Patent App. 98 09677.9

**MOTION SWITCHES - Metal**

PART NUMBER
**MS 24**

| Rev. No. | Revision Note | Date | Signature |
|---|---|---|---|
| C | Web Site | 1-5-99 | RG |

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 details of our full design and manufacturing service. All products are supplied to our standard conditions of sale otherwise agreed in writing.

BS5750/ISO 9000
Reg. No. FM 21080

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