

GENTECH INTERNATIONAL LTD

Grangestone Industrial Estate
Girvan, Ayrshire KA26 9PS
United Kingdom

Telephone: +44 1465 713581
Fax: +44 1465 714974

E-Mail: info@gentechsensors.com
Web Site www.gentechsensors.com

POSITION SENSOR

PS2 Series – Surface Mount Fitting

PS2011

UL Listed Sensor

Design

Features

- Adjustable with XY axis using the PM101/102 magnets
- Cable wiring from the Left of the package
- Repeatability of operation
- Shunt or direct magnet operation
- Multiple Mode of Operation



Product

Comments

- Robust Nylon Housing
- Normally Open
- Surface Mounted by fixing screws
- Fully encapsulated
- Matching Package Operating Magnet PM101 or PM102
- UL Listed file E153493

Typical

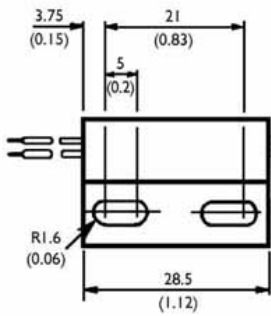
Applications

- Door Interlocks
- Hook Switches
- Security Systems
- Safety Interlocks
- Position Indication

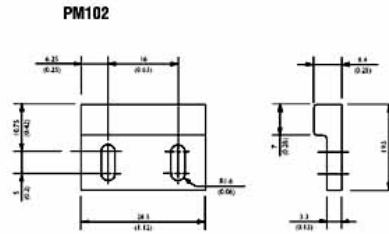
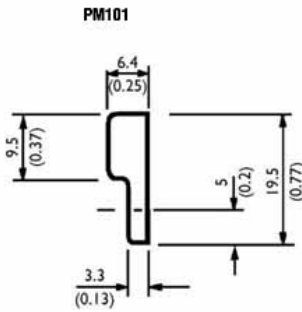
Material, Design and Operation

| | |
|---------------------------------|--|
| Mounting | Surface |
| Material: | Nylon 6.6 |
| Contact Form: | Form A - SPST |
| Contact Material: | Ruthenium |
| Maximum Switching Volts: | 250 VAC |
| Maximum Switching Current: | 1.0 A |
| Switching Action: | SPST |
| Maximum Power: | 15 Watts |
| Housing Temperature Range °C: | 100 |
| Connection Type: | Stripped Cables |
| Cable Type: | 2 x 24AWG, 7/0.2mm PVC Insulated 0.5M long |
| Operating Temperature Range °C: | 70 |
| Actuation Method: | Magnetic |
| Mounting Shock: | 50g for 11ms duration |
| Mounting Vibration: | 35g up to 500Hz |
| Magnetic Approach: | Direct Axis, Parallel Axis |
| Approvals: | UL |

Line Drawing



Recommended mounting screw:
Pan head self tapping screw
No.4 x 9.5mm (0.37) long



Maximum operate distance (all models)
D1 = 10mm (0.39)
D2 = 3mm (0.12)

MODES OF OPERATION
1 Side by side
2 End to end
3 Magnetic shunt

