

POSITION SENSOR

PS2 Series – Surface Mount Fitting

PS2021

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 Closed
- 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

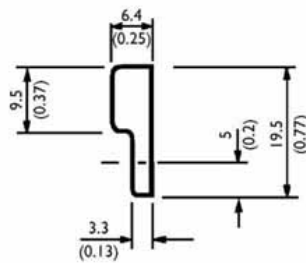
Material, Design and Operation

Mounting	Surface
Material:	Nylon 6.6
Contact Form:	Form B - SPST
Contact Material:	Ruthenium
Maximum Switching Volts:	100 VAC
Maximum Switching Current :	0.3A
Switching Action:	SPST Normally closed
Maximum Power:	3 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
Approval:	UL

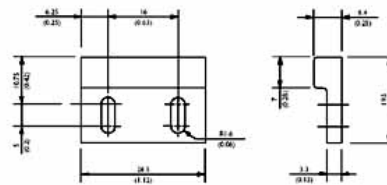
Technical drawing of a mechanical part with dimensions in mm and inches:

- Top left dimension: 3.75 (0.15)
- Top center dimension: 21 (0.83)
- Top right dimension: 5 (0.2)
- Bottom left dimension: R1.6 (0.06)
- Bottom center dimension: 28.5 (1.12)

PM101



PM102



- 1 Side by side
- 2 End to end
- 3 Magnetic shunt

