



PS1011

PS1 Series Position Sensor

Features

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

Comments

- ◆ Robust Nylon Housing
- ◆ Normally Open
- ◆ Surface Mounted by fixing screws
- ◆ Fully encapsulated
- ◆ Matching Magnet PM101 or PM102

Applications

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

PS 1011

PS1 Series | Position Sensor

Material

| | |
|---------------------------------|------------------------|
| Housing Material | Glass Filled Nylon 6.6 |
| Contact Material | Ruthenium |
| Operating Temperature °C | -30 to 105 |
| Housing Colour | Black |

Mechanical Specifications

| | |
|------------------|-----------------------|
| Shock | 50g for 11ms duration |
| Vibration | 35g up to 500Hz |
| IP | IP65 |

Switching

| | |
|------------------------------------|----------------------------|
| Switch Action (Reed Switch) | SPST |
| Max Switching Voltage VDC | 200 |
| Max Switching Voltage VAC | 250 |
| Max Switching Current Amps | 1 |
| Max Switching Load Watt | 30 |
| Operate Mode | Direct Axis, Parallel Axis |
| Contact Form | A |

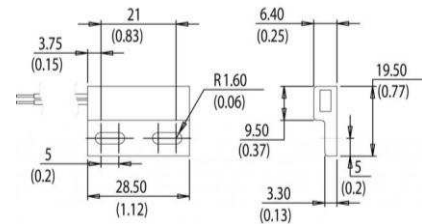
Cable

| | |
|------------------------|------------------------------|
| Cable Length | 2 x 0.5M |
| Connection Type | Stripped Cables |
| Cable Type | 24AWG, 7/0.2mm PVC insulated |
| Cable Colour | Black/Black |

Mounting

| | |
|-----------------|----------|
| Fitment | Surface |
| Mounting | Any Axis |

Technical Drawing



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