



## PS1022

### PS1 Series Position Sensor

#### Features

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

#### Comments

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

#### Applications

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

## PS 1022

PS1 Series | Position Sensor

### Material

<b>Housing Material</b>	Glass Filled Nylon 6.6
<b>Contact Material</b>	Ruthenium
<b>Operating Temperature °C</b>	-30 to 105
<b>Housing Colour</b>	Black

### Mechanical Specifications

<b>Shock</b>	50g for 11ms duration
<b>Vibration</b>	35g up to 500Hz
<b>IP</b>	IP65

### Switching

<b>Switch Action (Reed Switch)</b>	SPST
<b>Max Switching Voltage VDC</b>	175
<b>Max Switching Voltage VAC</b>	125
<b>Max Switching Current Amps</b>	0.4 (DC) 0.28 (AC)
<b>Max Switching Load Watt</b>	5
<b>Operate Mode</b>	Direct Axis, Parallel Axis
<b>Contact Form</b>	B

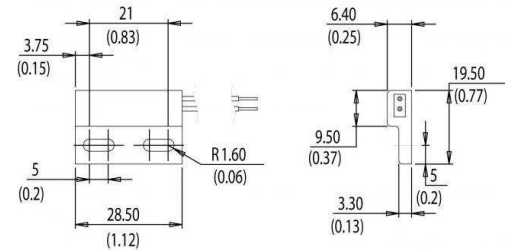
### Cable

<b>Cable Length</b>	2 x 0.5M
<b>Connection Type</b>	Stripped Cables
<b>Cable Type</b>	24AWG, 7/0.2mm PVC insulated
<b>Cable Colour</b>	Black/Blue

### Mounting

<b>Fitment</b>	Surface
<b>Mounting</b>	Any Axis

### Technical Drawing



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