



PS1031

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
- ✦ Single Pole Double Throw
- ✦ Surface Mounted by fixing screws
- ✦ Fully encapsulated
- ✦ Matching Magnet PM101 or PM102

Applications

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

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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)	SPDT
Max Switching Voltage VDC	175
Max Switching Voltage VAC	125
Max Switching Current Amps	0.4 (DC) 0.28 (AC)
Max Switching Load Watt	5
Operate Mode	Direct Axis, Parallel Axis
Contact Form	C

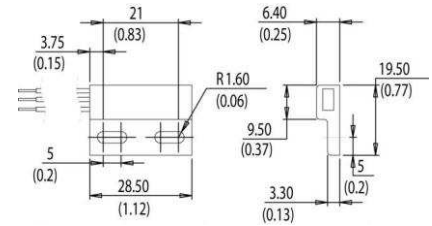
Cable

Cable Length	3 x 0.5M
Connection Type	Stripped Cables
Cable Type	24AWG, 7/0.2mm PVC insulated
Cable Colour	Yellow/Blue/Black

Mounting

Fitment	Surface
Mounting	Any Axis

Technical Drawing



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