



## **PS831**

### **PS8 Series Position Sensor**

#### **Features**

- Adjustable operated PM83 Magnet
- Repeatability of operation
- Shunt or direct magnet operation
- Multiple Mode of Operation
- Totally encapsulated

#### **Comments**

- Threaded Barrel Mounted
- Normally Open
- Stainless Steel Material Housing
- Overall length 31.8mm Threaded Area
- fitted with 2 lock nuts

#### **Applications**

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

## PS 831

PS8 Series | Position Sensor

### Material

|                                 |                 |
|---------------------------------|-----------------|
| <b>Housing Material</b>         | Stainless Steel |
| <b>Contact Material</b>         | Ruthenium       |
| <b>Operating Temperature °C</b> | -30 to 130      |
| <b>Housing Colour</b>           | Stainless Steel |

### 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>   | 200                        |
| <b>Max Switching Voltage VAC</b>   | 250                        |
| <b>Max Switching Current Amps</b>  | 1                          |
| <b>Max Switching Load Watt</b>     | 30                         |
| <b>Operate Mode</b>                | Direct Axis, Parallel Axis |
| <b>Contact Form</b>                | A                          |

### Cable

|                        |                               |
|------------------------|-------------------------------|
| <b>Cable Length</b>    | 2 x 0.5M                      |
| <b>Connection Type</b> | Stripped Cables               |
| <b>Cable Type</b>      | 22 AWG 16/0.2mm PVC insulated |
| <b>Cable Colour</b>    | Black/Black                   |

### Mounting

|                 |           |
|-----------------|-----------|
| <b>Thread</b>   | M10 x 1.5 |
| <b>Mounting</b> | Any Axis  |

### Technical Drawing

