RP8100 Series Pushbutton Switch

Specifications

- **Electrical Rating:**
  - 125mA @ 125VAC, 100mA @ 50VDC

- **Life Expectancy:**
  - 500,000 Cycles at full load

- **Contact Resistance:**
  - 50mΩ Max. (initial)

- **Insulation Resistance:**
  - 1,000MΩ Min. @ 500VDC

- **Dielectric Strength:**
  - 1,000VAC rms

- **Operating Temperature:**
  - -30°C to 85°C

- **Travel:**
  - 1.5mm

- **Contact Arrangement:**
  - SPST, Off-(On), Momentary

- **Actuation Force:**
  - 350 gf

- **Contact Bounce:**
  - 10ms MAX

- **Ingress Protection:**
  - IP67

Features & Benefits

- Threaded or snap in panel mount
- 500,000 life expectancy
- LED illumination options
- Sealed to IP67 ratings

Part Number Configurator

<table>
<thead>
<tr>
<th>Series</th>
<th>Bushing</th>
<th>Termination</th>
<th>Contact Material</th>
<th>Seal</th>
<th>Housing Color</th>
<th>Cap Color</th>
<th>LED Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP8100</td>
<td>B1</td>
<td>Snap In</td>
<td>C - Gold Over Silver</td>
<td>E - Epoxy Sealed</td>
<td>BLK - Black</td>
<td>WHT - White</td>
<td>WHT - White LED</td>
</tr>
<tr>
<td>RP8101*</td>
<td>B2</td>
<td>Threaded (12 x 0.75)*</td>
<td>M1 - Standard</td>
<td></td>
<td></td>
<td></td>
<td>RED - Red LED</td>
</tr>
</tbody>
</table>

*The RP8101 series is only offered with B2 Bushing and is non-illuminated.

Specifications subject to change without notice
RP8100 Series Pushbutton Switch

RP8100 w/LED
B1 Bushing

RP8100 w/o LED
B1 Bushing
RP8100 Series Pushbutton Switch

RP8100 w/ LED
B2 Bushing

RP8100 w/o LED
B2 Bushing
RP8100 Series Pushbutton Switch

RP8101 no LED
B2 Bushing

Panel Cutout

Schematic

Orientation Flat for Panel Mounting

RP8100 Series Pushbutton Switch