

# RP8100 SERIES PUSHBUTTON SWITCH

ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS



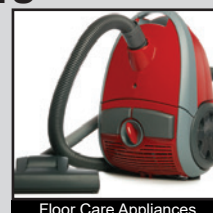
## APPLICATIONS / MARKETS



Audio / Visual



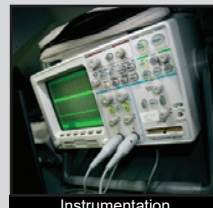
Electrical Housewares



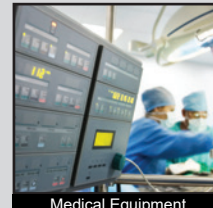
Floor Care Appliances



White Goods



Instrumentation



Medical Equipment

**RoHS**

## 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:** 1,00VAC 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

| Series                                                                                                                        | Bushing                                       | Termination                               | Contact Material        | Seal                 | Housing Color                                                  | Cap Color                                                                                            | LED Color                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------|----------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
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| RP8100<br>RP8101*                                                                                                             | B1 - Snap In<br>B2 - Threaded<br>(12 x 0.75)* | M1 - Standard                             | C - Gold Over<br>Silver | E - Epoxy<br>Sealed  | BLK - Black                                                    | WHT - White<br>BLK - Black<br>RED - Red<br>ORG - Orange<br>YEL - Yellow<br>GRN - Green<br>BLU - Blue | WHT - White LED<br>RED - Red LED<br>YEL - Yellow LED<br>GRN - Green LED<br>BLU - Blue LED<br>NIL - Non Illuminated* |

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

Specifications subject to change without notice



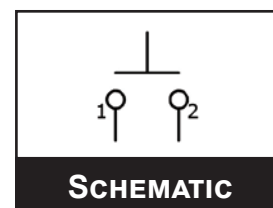
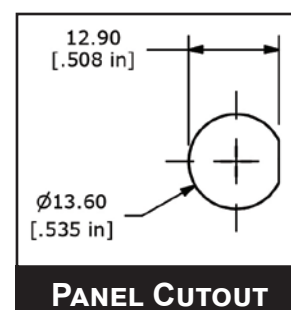
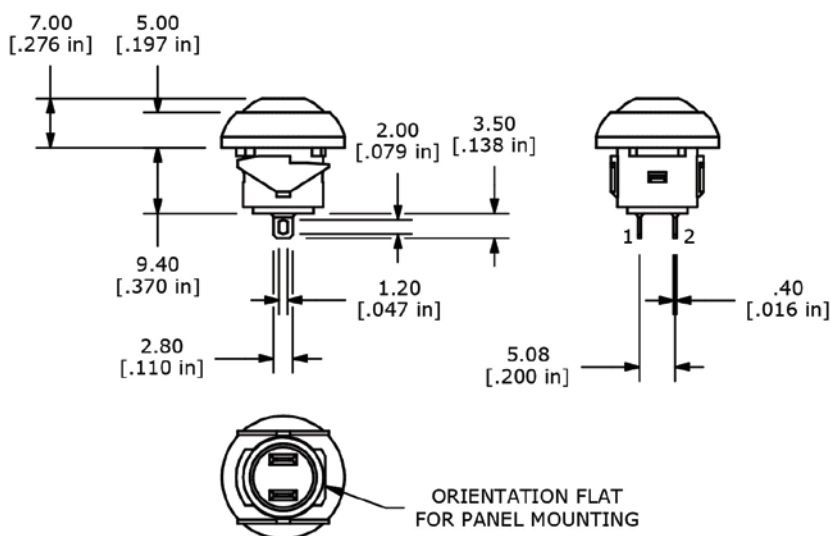
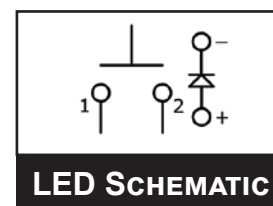
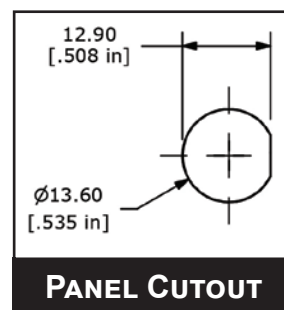
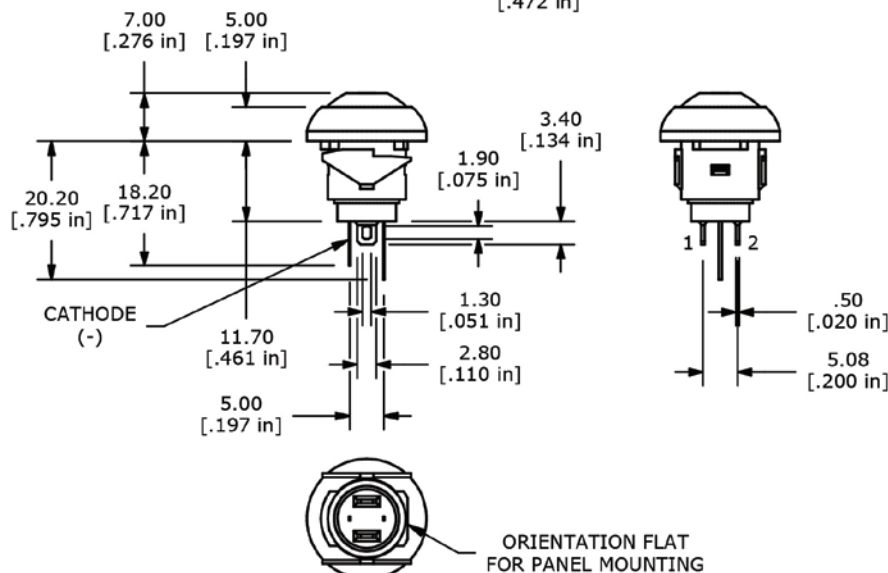
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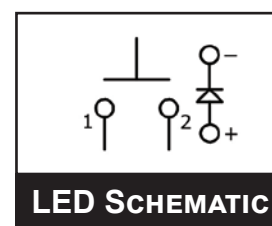
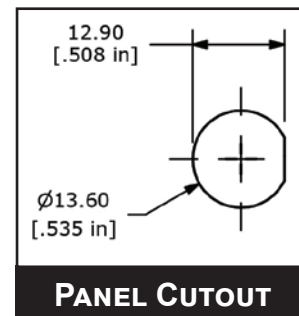
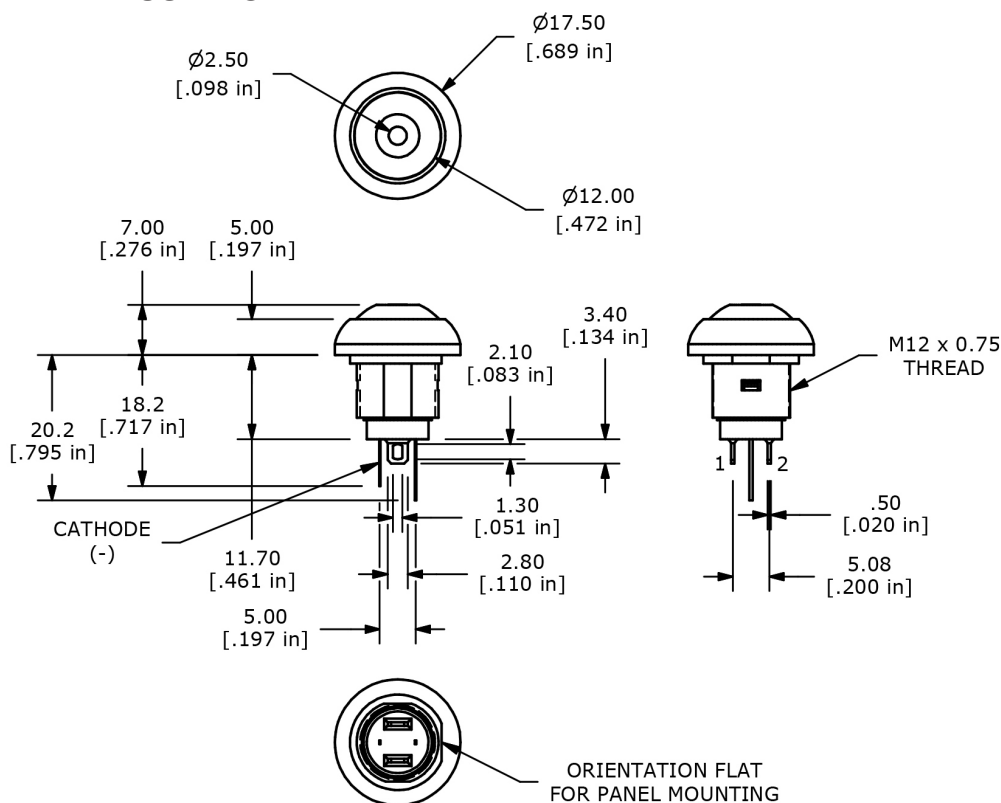
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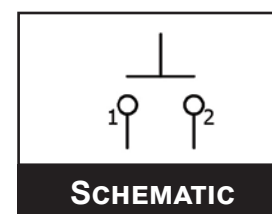
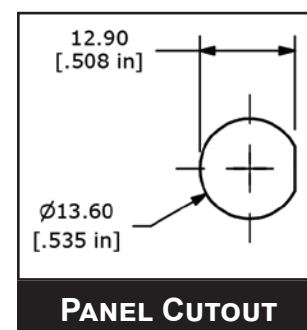
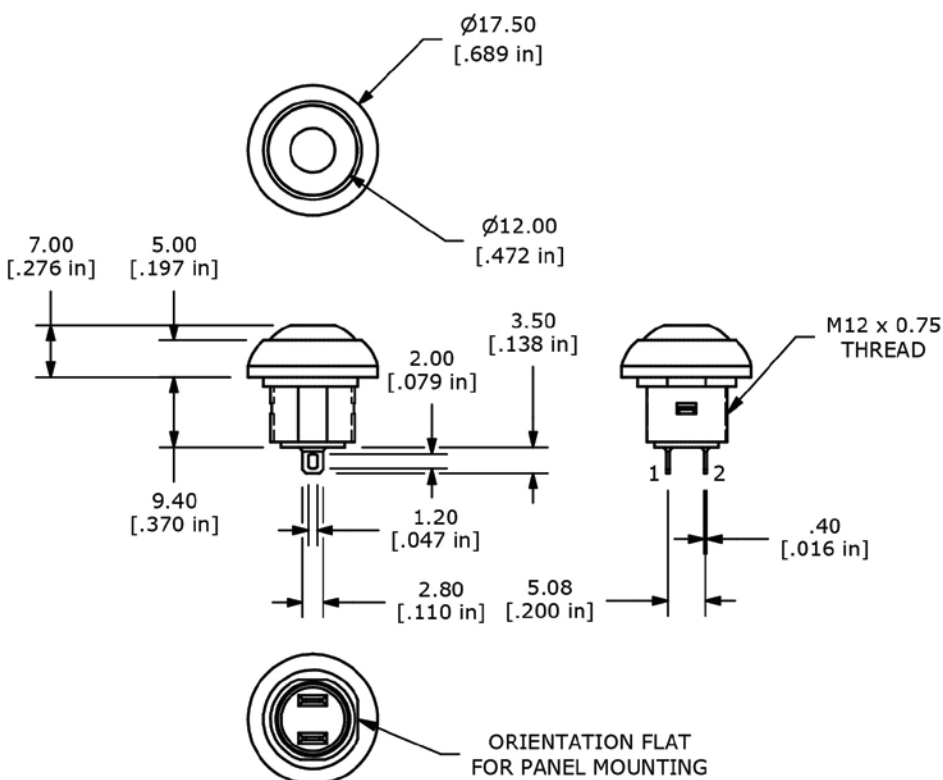


# RP8100 SERIES PUSHBUTTON SWITCH

## RP8100 w/ LED B2 BUSHING



## RP8100 w/o LED B2 BUSHING



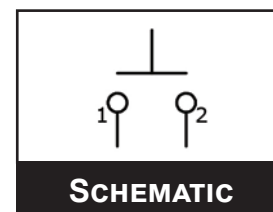
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## E-Switch:

|                                              |                                              |                                              |
|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| <a href="#"><u>RP8100B2M1CEBLKBLKBLU</u></a> | <a href="#"><u>RP8100B2M1CEBLKBLKRED</u></a> | <a href="#"><u>RP8100B2M1CEBLKBLKWHT</u></a> |
| <a href="#"><u>RP8100B1M1CEBLKBLKBLU</u></a> | <a href="#"><u>RP8100B1M1CEBLKBLKGRN</u></a> | <a href="#"><u>RP8100B1M1CEBLKBLKRED</u></a> |
| <a href="#"><u>RP8100B1M1CEBLKBLKYEL</u></a> | <a href="#"><u>RP8100B1M1CEBLKBLUBLU</u></a> | <a href="#"><u>RP8100B1M1CEBLKWHTYEL</u></a> |
| <a href="#"><u>RP8100B2M1CEBLKBLUBLU</u></a> | <a href="#"><u>RP8100B2M1CEBLKGRNGRN</u></a> | <a href="#"><u>RP8100B2M1CEBLKGRNWHT</u></a> |
| <a href="#"><u>RP8100B2M1CEBLKGRNYEL</u></a> | <a href="#"><u>RP8100B2M1CEBLKREDRED</u></a> | <a href="#"><u>RP8100B2M1CEBLKWHTBLU</u></a> |
| <a href="#"><u>RP8100B2M1CEBLKWHTGRN</u></a> | <a href="#"><u>RP8100B2M1CEBLKWHTYEL</u></a> | <a href="#"><u>RP8100B1M1CEBLKGRNYEL</u></a> |
| <a href="#"><u>RP8100B1M1CEBLKREDRED</u></a> |                                              |                                              |