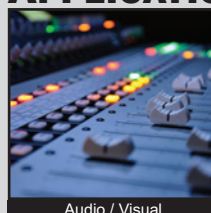


# RP8300 SERIES PUSHBUTTON SWITCH

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



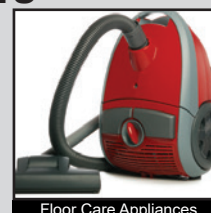
## APPLICATIONS / MARKETS



Audio / Visual



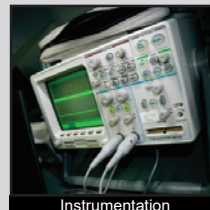
Electrical Housewares



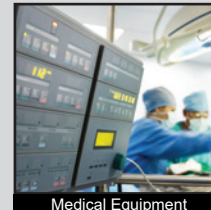
Floor Care Appliances



White Goods



Instrumentation



Medical Equipment

# RoHS

## SPECIFICATIONS

### Electrical Rating:

500mA @ 48 VAC, 200mA @ 50 VDC, 200mA @ 250 VAC

**Life Expectancy:** 500,000 Cycles

**Contact Resistance:** 50mΩ Max.

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

**Dielectric Strength:** 1,500VAC for 1 minute

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

**Travel:** 1.5mm

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

**Actuation Force:** 350 gf

**Panel Thickness:** 1.5mm - 4.0mm

**Ingress Protection:** IP67

## FEATURES & BENEFITS

- Threaded mount
- 500,000 life expectancy
- LED illumination options
- Sealed to IP67 ratings
- Metal Diecast housing

## PART NUMBER CONFIGURATOR

### Series



RP8300  
RP8301\*

### Bushing



B2 - Threaded  
(12 x 0.75)

### Termination



M1 - Standard

### Contact Material



C - Gold Over  
Silver

### Seal



E - Epoxy  
Sealed

### Housing Color



BLK - Black\*  
NIC - Stain Nickel  
CHR - Chrome

### Cap Color



WHT - White  
BLK - Black  
RED - Red  
ORG - Orange  
YEL - Yellow  
GRN - Green  
BLU - Blue

### LED Color



WHT - White LED  
RED - Red LED  
YEL - Yellow LED  
GRN - Green LED  
BLU - Blue LED  
GY - Green/Yellow LED  
RG - Red/Green LED  
RB - Red/Blue LED  
NIL - Non Illuminated\*

\*The RP8201 series is only offered with a black housing color and is non-illuminated.

Specifications subject to change without notice



E-SWITCH®

www.e-switch.com

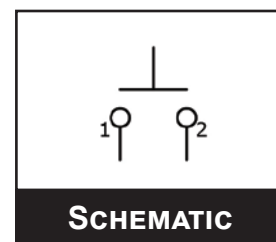
800.867.2717

2

|                      |                   |              |                  |                     |                     |                 |                 |                |                      |                  |                 |              |
|----------------------|-------------------|--------------|------------------|---------------------|---------------------|-----------------|-----------------|----------------|----------------------|------------------|-----------------|--------------|
| 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 SWITCHES |
|----------------------|-------------------|--------------|------------------|---------------------|---------------------|-----------------|-----------------|----------------|----------------------|------------------|-----------------|--------------|

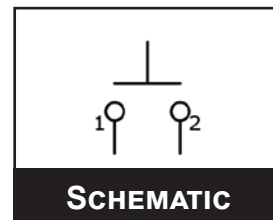
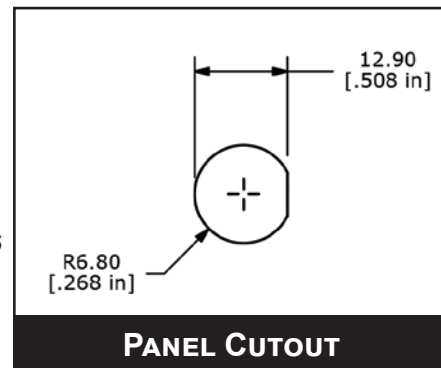
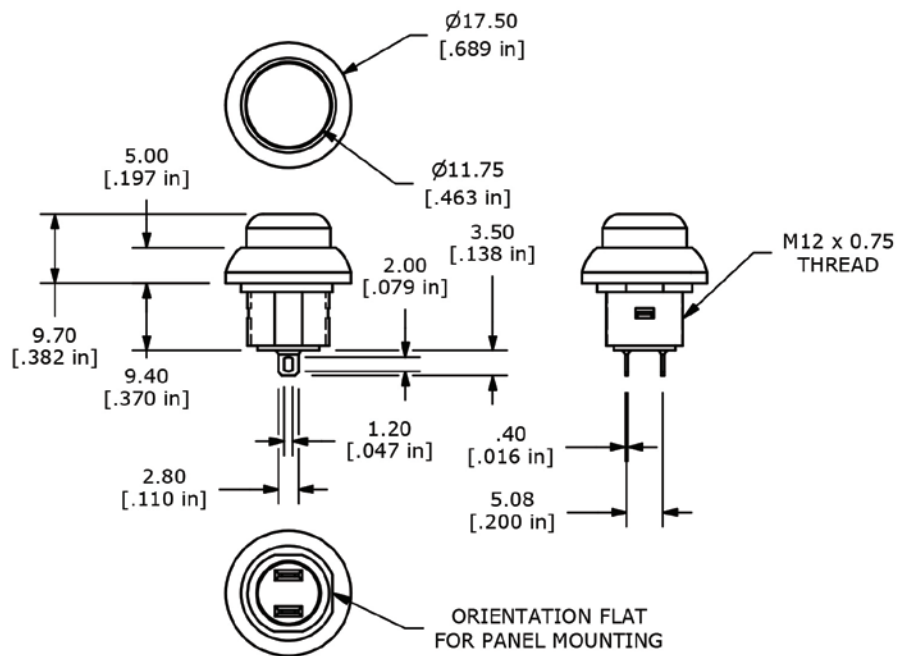


**LED SCHEMATIC**



# RP8300 SERIES PUSHBUTTON SWITCH

## RP8301 w/o LED B2 BUSHING



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## E-Switch:

[RP8300B2M1CEBLKBLKNIL](#) [RP8300B2M1CEBLKBLKRED](#) [RP8300B2M1CEBLKREDNIL](#)  
[RP8300B2M1CEBLKBLKBLU](#) [RP8300B2M1CEBLKBLUNIL](#) [RP8300B2M1CECHRBLKNIL](#)  
[RP8300B2M1CENICBLKNIL](#) [RP8300B2M1CEBLKBLKGRN](#)