RP8300 SERIES PUSHBUTTON SWITCH

APPLICATIONS / MARKETS

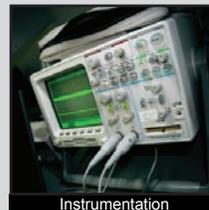|		
Audio / Visual	Electrical Housewares	Floor Care Appliances
White Goods	Instrumentation	Medical Equipment

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
Panel Cutout: 13.6mm diameter
Ingress Protection: IP67

FEATURES & BENEFITS

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

PART NUMBER CONFIGURATOR

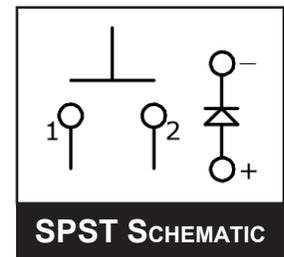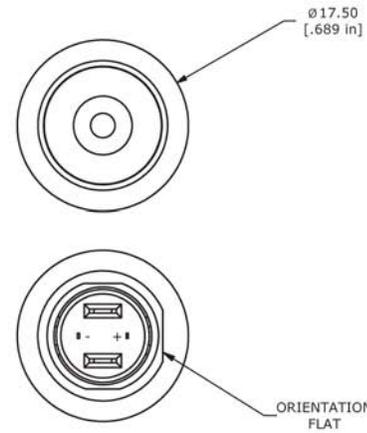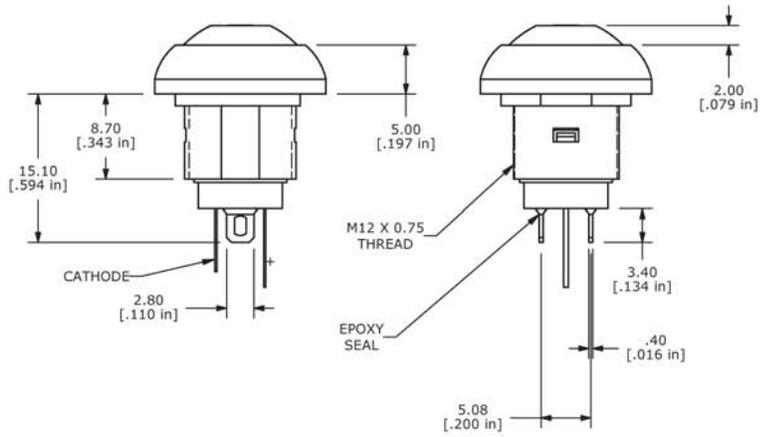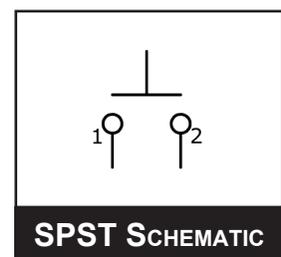| Series	Bushing	Termination	Contact Material	Seal	Housing Color	Cap Color	LED Color
RP8300	**B2 -** Threaded (12 x 0.75)	**M1** - Standard	**C** - Gold Over Silver	**E** - Epoxy Sealed	**BLK** - Black **NIC** - Stain Nickel **CHR** - Chrome	**WHT** - White **BLK** - Black **RED** - Red **ORG** - Orange **YEL** - Yellow **GRN** - Green **BLU** - Blue	**WHT** - White LED **RED** - Red LED **YEL** - Yellow LED **GRN** - Green LED **BLU** - Blue LED **NIL** - Non Illuminated

Specifications subject to change without notice

RP8300 Series Pushbutton Switch

Body Dimensions
Illuminated

Ø17.50 [.689 in]

2.00 [.079 in]

8.70 [.343 in]

15.10 [.594 in]

5.00 [.197 in]

M12 X 0.75 THREAD

3.40 [.134 in]

CATHODE

EPOXY SEAL

2.80 [.110 in]

.40 [.016 in]

5.08 [.200 in]

ORIENTATION FLAT

SPST Schematic

1   2

Body Dimensions
Non-Illuminated

Ø17.50 [.689 in]

2.00 [.079 in]

8.70 [.343 in]

12.90 [.508 in]

5.00 [.197 in]

M12 X 0.75 THREAD

EPOXY SEAL

BLACK PLATED METAL HOUSING

2.80 [.110 in]

.40 [.016 in]

5.08 [.200 in]

ORIENTATION FLAT

Ø13.60 [.535 in]

12.90 [.508 in]

Panel Cutout

SPST Schematic

1   2
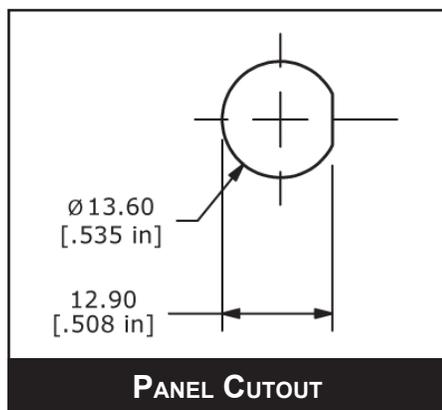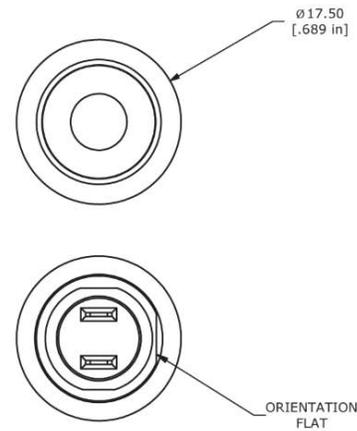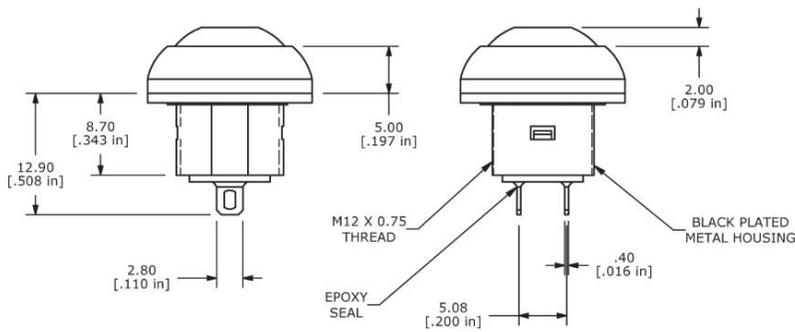
ANTI-VANDAL SWITCHES

DETECTOR SWITCHES

DIP SWITCHES

KEYLOCK SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

ROCKER SWITCHES

ROTARY SWITCHES

SLIDE SWITCHES

SNAP ACTION SWITCHES

TACTILE SWITCHES

TOGGLE SWITCHES

CAP OPTIONS