



E-SWITCH®

IMMEDIATE RELEASE

Minneapolis, MN | 11.01.2025

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RP8700 SERIES PUSHBUTTON SWITCH



HIGHLIGHT FEATURES -

The RP8700 Series is an IP68 sealed, long life pushbutton switch with LED illumination potential. The switch features a threaded mount, multiple termination options (solder lug, thru-hole or molded back with wired connector) and non-illuminated high (RP8701) or round (RP8702) cap styles with seven different cap colors to choose from.

STANDARD FEATURES -

The RP8700 fits a 13.6mm diameter panel cutout, has 1.5mm of travel and a robust operating/storage temperature of -30 to +85°C. The gold over silver contacts deliver an electrical life of 500,000 cycles and mechanical life of 1,000,000 cycles. The momentary switch function can be configured as Off-(On) or On-(Off).

APPLICATIONS -

With its seal rating and LED illumination options, this pushbutton series is ideal for the following markets and industries:



INDUSTRIAL



APPLIANCE



AUDIO/VISUAL



MEDICAL

SPECIFICATIONS INCLUDE -

Contact Arrangement: SPST

Contact Rating:

- 400mA @32VAC Max.
- 125mA @125VAC Max.
- 200mA @50VDC Max.

Contact Resistance: 50mΩ Max.

Insulation Resistance: 1GΩ Min/500V

Dielectric Strength: 1,500VAC(50Hz or 60Hz)

Electrical Life: 500,000 Cycles

Mechanical Life: 1,000,000 Cycles

Operating/Storage Temperature: -30°C to +85°C

Travel: 1.5mm

Moisture Protection: IP68

Actuation Force: 3-6N



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