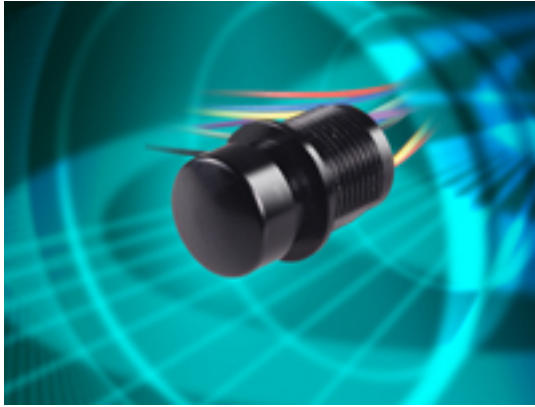


# Hall Effect Pushbutton Switch Touts Extended Life Cycles



C&K Components has developed a Hall-effect pushbutton switch with life cycles to 10 million actuations. Designated the HP Series, the sealed switch features a non-contact Hall-effect contact system, and a high-energy magnet provides a linear magnetic field for the Hall device. According to the company, the electrical life is virtually limitless and the reliability is such that the switch will not experience field failures. The Hall-effect circuit is highly sensitive and provides reliable, repetitive operation in close tolerance applications. The circuit is practically immune to environmental contaminants and can be sealed to meet IP67 specifications, making the switch appropriate for use in harsh off-highway and industrial applications. The HP Series switch also has the ability to have redundant, linear Hall devices. Input voltage is 5 VDC, with a programmable output voltage range from 0.5 V to 4.5 V and one or two available outputs. Actuator travel is 0.150" and operating temperature ranges from -40°C to +85°C. Typical pricing ranges from \$21.00 to \$27.00 in low volumes.

### **C&K Components**

617-969-3700, [www.ck-components.com](http://www.ck-components.com) [1]

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