

Panel Potentiometer Offers Low Temperature Coefficient



Featuring a life of 500,000 cycles, the Sfernice P10L from Vishay Intertechnology is a miniature panel potentiometer with a temperature coefficient as low as $\pm 150\text{ppm}/^\circ\text{C}$. Provided in a sealed IP67 package, the device can reduce the need for replacement parts. The device is intended for applications in control panels, actuation proportional pedals, hospital bed audio systems, air conditioning controls, and dimmers. The product also has a cermet element with a 1,000 Vrms dielectric and a plastic shaft. The potentiometer operates with a torque of 2.83 oz/in and an end-stop torque of 9.9 oz/in. The device is available in 4 resistance values from 1 to 50 k Ω , with a 1% typical contact resistance variation. The operating temperature range is from -40°C to $+100^\circ\text{C}$.

Vishay Intertechnology Inc.

402-563-6866, www.vishay.com [1]

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