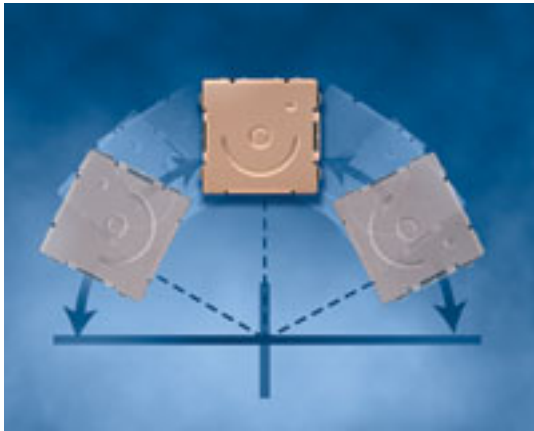


Micro tilt sensors



Omron Electronic Components LLC announces the availability of the D6BN series of micro tilt sensors for detecting mechanical vertical versus horizontal positioning. With a low profile of 2 mm in a gull-wing SMD package, the D6BN sensors measure 7 W × 7 D mm. They consume 1 mA at 2.4 to 3.6 VDC when operating and 1 μ A in standby mode. Through the utilization of Hall Effect technology (versus metal ball or mercury styles) these devices detect tilting over a range of 40 ^\circ to 80 ^\circ in right or left inclinations. They are stable with a shock resistance of 75 G, virtually eliminating false positive readings. The D6BN operates in a temperature range of -10 to +60 ^\circ C in 25 to 85% humidity, barring any icing or condensation.

www.omron.com

847-882-2288

Source URL (retrieved on 03/06/2015 - 5:48pm):

<http://www.wirelessdesignmag.com/product-releases/2007/11/micro-tilt-sensors?qt-blogs=0>