

Compact New Joystick is designed for safety critical applications requiring precision control

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Penny & Giles Controls has launched the all new JC2000 compact joystick controller for precision fingertip control applications where safety and long, trouble-free life are primary requirements.

The JC2000 is available in one, two or three axis configurations and can be supplied with three handle styles, two of which can be fitted with a push button switch in a choice of five different colours.

Typical applications include powered wheelchairs, disabled mobility vehicles, robotic teach controllers, co-ordinate measuring machines, medical and CCTV equipment, professional camera controls and radio or infrared chest-packs. For these applications the JC2000's compact size, low operational force and high reliability are ideal.

The innovative contactless design uses Hall effect sensors, meaning there are no moving parts in the sensing system of all three available axes, effectively eliminating flexing wires that can cause failure due to fatigue. For super critical applications the single and dual-axis units are available with two independent outputs in each axis.

This new model offers a top mounting flange that is compatible with the Penny & Giles JC200 inductive joystick, but with a below-flange depth of only 31mm.

The competitively priced JC2000 also features an impressive environmental specification that includes sealing to IP65 above the panel, operating temperature of -25°C to +70°C, a shock level of 40g and EMC immunity of 60V/m.