



The triple axes RS joystick combines unparalleled levels of robustness with an enhanced style to deliver a low cost, ergonomic solution which is ideally suited for such applications as control of CCTV, microscopy, or C.M.M. products. Designed specifically for maximum robustness, the new triple axes joystick utilises a precision metal mechanism, with reinforced Z axis end stops to give truly class leading durability and service life. Optimum above panel height and an ergonomic 'feel', provide for the most comfortable user experience even over many hours of continual operation.

The joystick provides an analogue, proportional output for all three axes, that is nominally set to be rail to rail, i.e +/- 50% of Vss.

Do not exceed specified voltage.

ELECTRONIC SPECIFICATION

Table with 2 columns: Specification (Supply voltage, Signal swing, Output signal tolerance, Output impedance, Signal ripple, Supply current, Operating temperature, RFI rejection, Preferred load) and Value (4.75V min - 15V max, +/- 50% Vs, +/- 10% of specified output, 1.8kΩ +/- 1%, <1% of output, Typically <15 mA, -20°C - +55°C, > 20V/m - (Bare joystick), > 40V/m - (Installed), >10K).

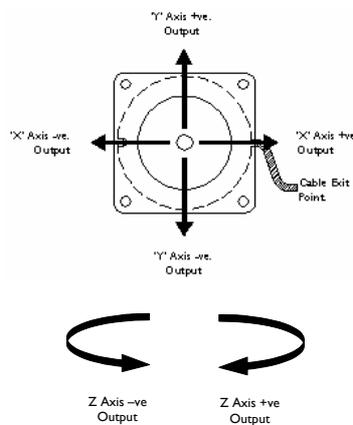
WIRING SPECIFICATION

Table with 2 columns: Color (Red, Blue, Yellow, Purple, Black, Green) and Function (+Vcc, X Axis wiper, Y Axis wiper, Z Axis wiper, 0V, Centre tap reference (50% * Vcc)).

MECHANICAL SPECIFICATION

Table with 2 columns: Component (Body, Shaft - Material, Shaft diameter, Washer plate, Gimbal pivot, Centering cone, Spring, Pivot pins, Limiter plate, Bezel, Gaiter (Boot), Knob, Operating lever deflection, Z axis rotation, Output leads insulation, Output leads, Weight, Service life, mechanical) and Material/Value (Glass re-enforced ABS, A303 Stainless steel, 5mm nominal, Brass, Acetal, Brass, Stainless steel, Hardened steel, Glass re-enforced Nylon, Glass re-enforced Nylon, Santoprene, Aluminium, +/- 18° (@ N/E/S/W points on X & Y axes), +/- 27°, Soft PVC, 14/0076 tinned copper, 130g typical, 10,000,000 cycles typical).

ORIENTATION



DIMENSIONS

