

NASU-0912

2 AXIS CONDUCTIVE PLASTIC POTENTIOMETRIC JOYSTICK

RoHS



ELECTRICAL CHARACTERISTICS

Std. Resistance Values	5K Ω or 10K Ω
Power Rating	0.2 Watt @ 40 °C
Switch Current	5 mA @ 5 VDC
Insulation resistance	1 G Ω at 500 VDC
Center Detect Switch/ Axis	< $\pm 3^\circ$ Open
Operating voltage (Vcc)	Max. 30 VDC
Resistance tolerance	$\pm 20\%$
Dielectric withstanding voltage	1000 VAC

Storage temperature	- 40°C to + 85°C
Operating temperature	- 25°C to + 70°C

MECHANICAL CHARACTERISTICS

Life time	> 1 million cycles
Mechanical Angle of Rotation	< $\pm 30^\circ$
Operating Force	5 N typical
Middle position wiper	$\pm 2^\circ$

MATERIAL SPECIFICATION

Flange	Aluminium
Body	Plastic
Bearing	Stainless steel/ Plastic
Electrical Connectors	Ralimat connector/ Compatible holes
Mounting screw	M3

APPLICATIONS

- Platform lifts
- Fork lift Trucks
- Hydraulic Proportionate valve
- Wheel chairs
- Overhead cranes
- EOT cranes
- Boom cranes

