J90 Series Full Size Heavy Duty Joystick



For more information about this product, visit our website at: www.potentiometers.com



J90 Series Full Size Heavy Duty Joystick

Heavy Duty Joystick Series

Features

- One, Two, or Three Axis Joystick (X,Y, Z)
- 6.49" handle height
- 45° deflection angle (±22.5°)
- Hand-grip style knob standard
- Spring return to center
- Circular deflection pattern standard
- 10K ohm precision potentiometer
- Protective rubber boot
- IP65 rating above panel
- Panel mounting bracket

Options

- Single Axis (X) Knob Q
- Three Axis (X, Y, Z) Knob T
- Square or Cross (+) limiter plate
- Friction clutch (holds position, replaces spring return)
- Non-standard resistance
- Center detent pots
- Center-tapped pots
- Dual gang pots
- Inductive (non contacting) pots
- Sealed pots
- Dual direction switches
- Single direction switch; Center detect switch
- Push button handle; Tapered handle
- Cannister style base enclosure
- Without Mounting Plate

Electrical Specifications

Resistance: 10K Ohms Conductive Plastic

Resistance Tolerance: ±15% Independent Linearity: ±3.0% Power Rating: (X, Y) 0.2 watt Lever Electrical Angle: (X,Y) - 44° Resolution: Essentially infinite

Output Smoothness: Below 0.2% against

input voltage

Contact Resistance Variation: Below 5% Insulation Resistance: 1000 Meg@500VDC Dielectric Strength: 1 minute @ 500 VAC Max. Wiper Output: 5mA, 1ma rec.

Mechanical Specifications

Lever Deflection (X,Y): $\pm 22^{\circ}$ to $\pm 26^{\circ}$ Operating Force (X, Y): 7.2 to 43.2 oz-F

Housing: Aluminum

Knob Material: Hard plastic Weight: Approx 23 oz

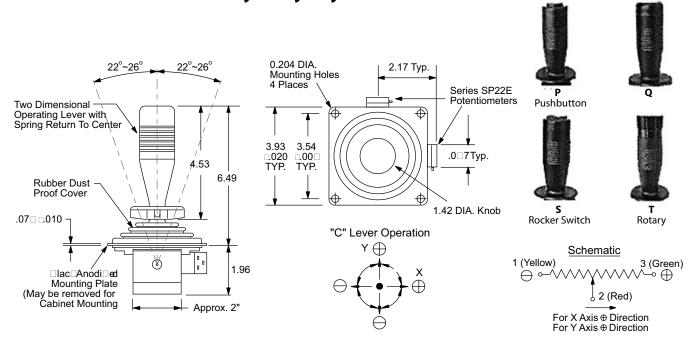
Service Life: 5,000,000 operations

Environmental Specifications

Operating Temperature: -20°C to +60°C

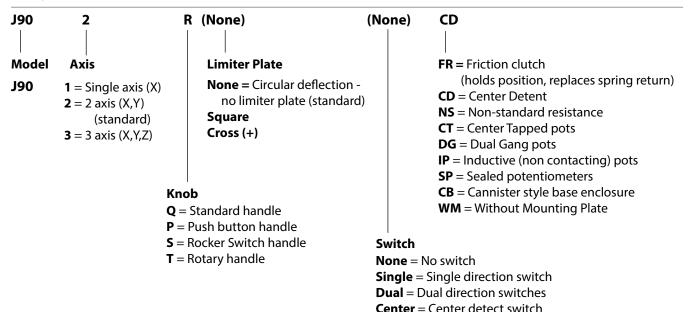
Rating: IP 65 Above Panel

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Ordering Information

Example Part Number: **J90-2-Q-CD**



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