

# J100 Series Light Industrial Joystick



For more information about this product, visit our website at:  
[www.potentiometers.com](http://www.potentiometers.com)



## **J100 Series Compact Joystick** *Light Industrial Joystick Series*

### **Features**

- Three Axis Joystick (X,Y, Z)
- 4" handle height
- 40° deflection angle ( $\pm 20^\circ \sim \pm 25^\circ$ )
- Spring return to center
- 10K ohm precision potentiometer
- Conductive Plastic element
- 12" Lead Wires

### **Options**

- Rubber boot (standard)

### **Electrical Specifications**

Resistance: 10K Ohms Conductive Plastic

Resistance Tolerance:  $\pm 15\%$

Independent Linearity:  $\pm 3.0\%$

Power Rating: (X, Y) 0.13 watt

Lever Electrical Angle: (X,Y) - 40°

Lever Electrical Angle: (X,Z) - 30°

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):  $\pm 20^\circ$  to  $\pm 25^\circ$

Operating Force (X, Y): 2.8 to 8.2 oz-F

Operating Force (Z): 8.4 to 10.5 oz-F

Housing: Aluminum

Knob Material: Hard plastic

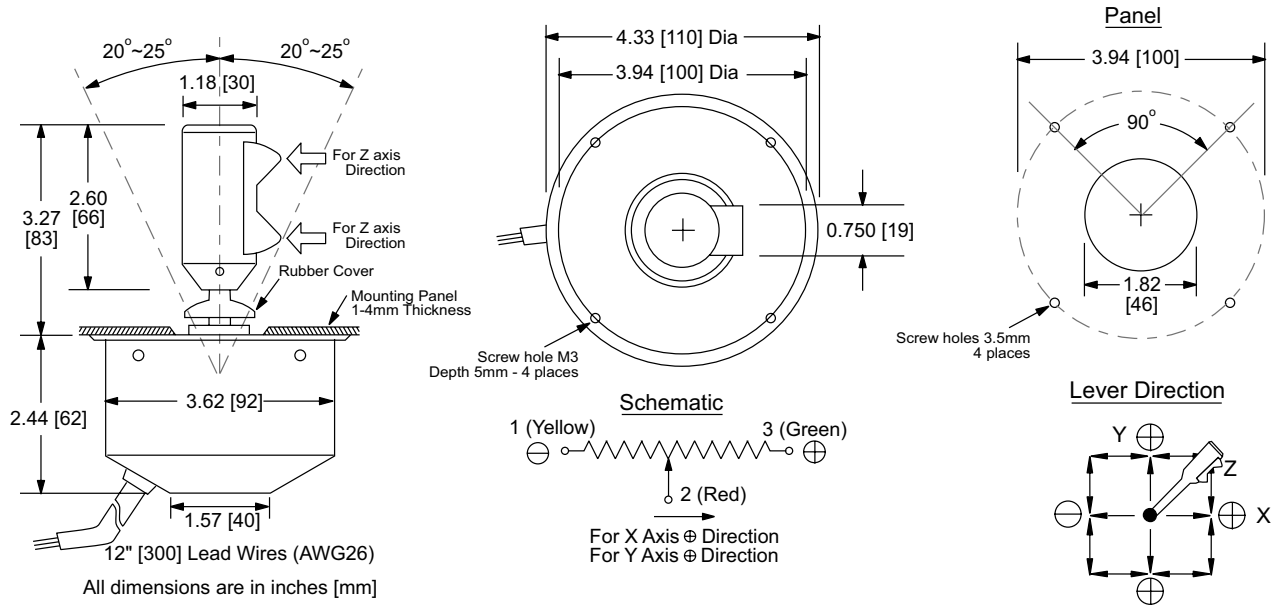
Weight: Approx 8 oz

Service Life: 5,000,000 operations

### **Environmental Specifications**

Operating Temperature: -20°C to +65°C

# J100 Series Light Industrial Joystick



## Ordering Information

Example Part Number: **J100BM-ZU-30-SB**

**J100BM-ZU-30-S**

**Model**

**J100BM-ZU-30-S**

**B**

**Options**

**B** = Rubber Boot (standard)

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