

In the case we produce customized products, we add 4-digit or 5-digit branch number.

Standard Dimensions

Sakae"





H40JEK-ZU-34B0R3G Standard

STANDARD SPECIFICATIONS

Mechanical Performance

Controlling range of operating lever	3-dimensional coordinate type. X and Y directions: Approx. ±20°from center position. Z direction: Approx. ±30° from center position.
Operating force	Standard spring return device (Automatically return to center) X and Y directions: Approx. 1 ~4N (100 ~400gf) Z direction: Approx. 40 ~80mN·m (400 ~800gf·cm)
Operating temperature range	-20°C~+60°C
Vibration	10~55Hz 98m/s ²
Shock	294m/s2
Life expectancy	Approx. 5,000,000 operations for X and Y axes. Approx. 3,000,000 operations for Z axis.
Mass	Approx. 120g

Output Characteristic

Electrical Performance

Hall effect IC type resistive element incorporated	Applied voltage: 5V±10% D.C. Open drain output, Absolute maximum ratings 50V D.C., Maximum sink current 20mA for each bit output, Capacitive load within 1nF for each bit output, Current consumption within 54mA Electrical rotating angle: X and Y-axis: Approx. ±20° Z-axis: Approx. ±30° Output temperature characteristics: Within 0.8°(converted into operating angle)
Dielectric strength	1 minute at 500V A.C.
Insulation resistance	Over 1,000MΩ at 500V D.C.
EMS durability	100V/m (80MHz \sim 6GHz Based on ISO11452-1 \sim -3)
ESD durability	±8kV contact ±15kV aerial discharge (Based on IEC61000-4-2)

Connector Wiring Diagram





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