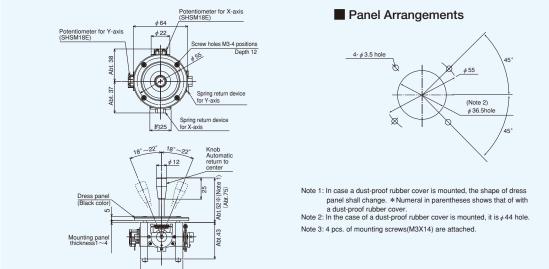


In the case we produce customized product, we add 4-digit or 5-digit branch number.

Standard Dimensions





H50JAK-YO-20R2 (Standard 2-dimensional coordinate type)

STANDARD SPECIFICATIONS

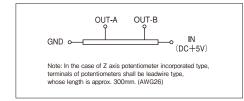
Mechanical Performance

Controlling range of operating lever	2-dimensional coordinate type. Omni-directionally approx.±18°~±22°operation from center position.
Operating force	With spring return device with directive feeling. X and Y directions: Approx.0.8~1.5N(80~150gf)
Operating temperature range	-20°C~+65°C
Vibration	10~55Hz 98m/s ²
Shock	294m/s ²
Mechanical life expectancy	Approx.10,000,000 operations.
Mass	2-dimensional coordinate type: Approx.280g

Electrical Performance

Hall effect IC type potentiometer(SHSM18E) mounted	Applied voltage: 5V±10% D.C. Effective output: Approx.0.5V~4.5V Electrical rotating angle: Approx. ±18° Independent linearity tolerance: ±3% Load resistance: over 10KΩ
Resolution	Infinitesimal
Dielectric strength	1 minute at 250V.A.C.
Insulation resistance	Over 100MΩ at 250V.D.C.
EMS tolerance	100V/m(80MHz ~ 1GHz 1KHz sine-wave 80%AM modulation)
ESD tolerance	±8KV contact ±15KV air discharge (Based on IEC61000-4-2)

Terminal Connection Diagram



Special Specifications Available

Please see page 55, a table of "Special Specifications Available". Regarding kind of output characteristic, dual cross output or dual parallel output instead of single output is also available.

Output Characteristic

