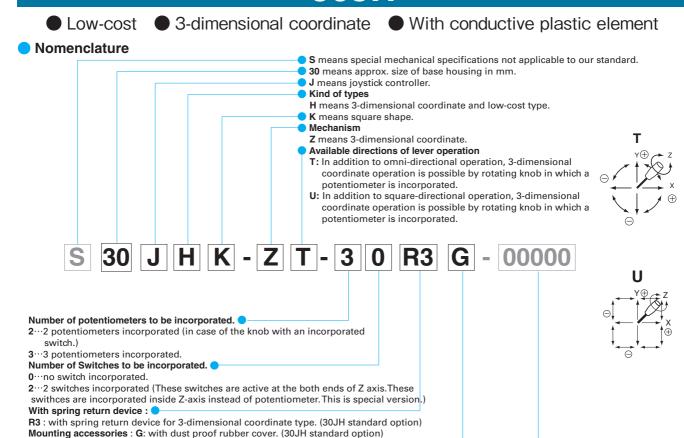


# **30JH**

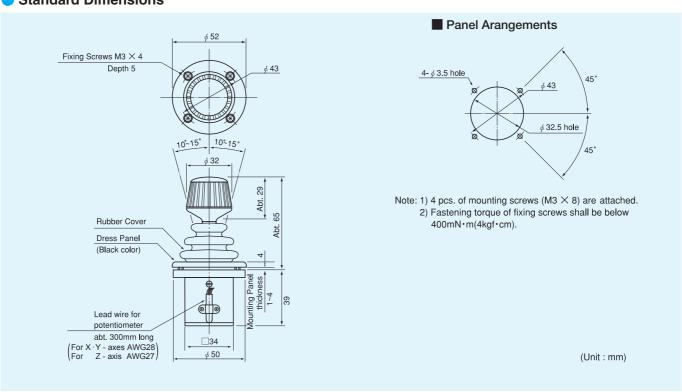


#### Standard Dimensions

P: with sub-panel for mounting.

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

Special part number :







**30JHK-ZT-30R3G** (Standard 3-dimensional coordinate type)

## STANDARD SPECIFICATIONS

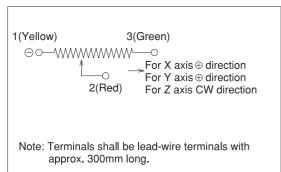
#### Mechanical Performance

Controlling range of operating lever	3-dimensional coordinate type.  X and Y directions: Approx.±10°~±15° from center position.(Omni-directionally)  Z direction: Approx.±30°~±35° from center position.		
Operating force (Omni-directionally)	X and Y directions : Approx.1~2N (100~200gf) Z direction : Approx.30~70mN·m (300~700gf.cm)		
Operating temperature range	-20°C~+60°C		
Vibration	10∼55Hz 98m/s²		
Shock	294m/s <sup>2</sup>		
Life expectancy	Approx. 2,000,000 operations.		
Mass	Approx. 130g		

#### Electrical Performance

	Special conductive plastic resistive element is exclusively used for 30JH series.		
Potentiometer incorporated	(X and Y axes pots) Resistance value : 10kΩ±20% Rating : 0.1W Electrical rotating angle : Approx.20° Independent linearity tolerance : ±5%	(Z axis pot.) Resistance value : $10k\Omega\pm20\%$ Rating : $0.04W$ Electrical rotating angle : Approx. $60^\circ$ Independent linearity tolerance : $\pm5\%$	
Output smoothness	Below 0.2% against input voltage.		
Contact resistance variation	Below 6% C.R.V.		
Resolution	Essentially infinite		
Dielectric strength	1 minute at 500V.A.C.		
Insulation resistance	Over 1,000MΩ at 500V.D.C.		

## Terminal Connection Diagram



### Special Specifications Available

Please see page 51, a table of "Standard and Special Specifications Available".