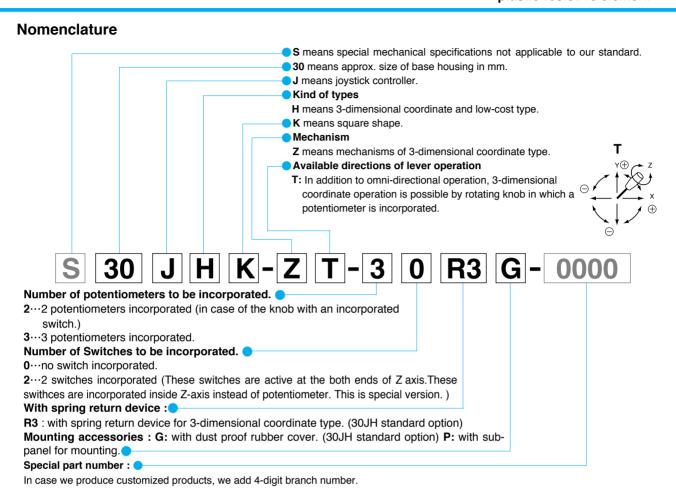
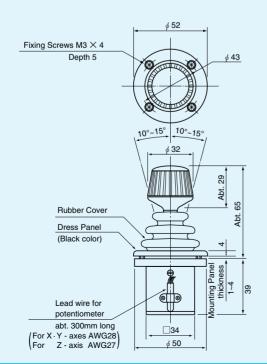
30JH

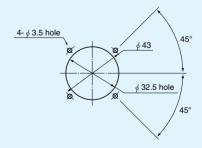
Potentiometer with a conductive plastic resistive element



Standard Dimensions



■ Panel Arrangements



Note: 1) 4 pcs. of mounting screws (M3 × 8) are attached.
2) Fastening torque of fixing screws shall be below
400mN•m(4kgf•cm).

(Unit: mm)



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. $\pm 30^{\circ} \sim \pm 35^{\circ}$ 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/s²

Life expectancy: Approx. 2,000,000 operations.

Mass: Approx. 130g

Electrical Performance

Potentiometer incorporated : Special conductive plastic resistive element is exclusively used for 30JH series.

(X and Y axes pots)

Resistance value : $10k\Omega \pm 20\%$

Rating: 0.1W

Electrical rotating angle : Approx.20° Independent linearity tolerance : ±5%

(Z axis pot.)

Resistance value : $10k\Omega \pm 20\%$

Rating: 0.04W

Electrical rotating angle : Approx.60° Independent linearity tolerance : ±5%

Output smoothness: Below 0.2% against input voltage.

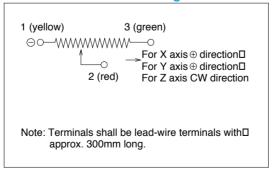
Contact resistance variation: Below 6% C.R.V.

Resolution: Essentially infinite

Dielectric strength: 1 minute at 500V.A.C.

Insulation resistance : Over $1,000M\Omega$ at 500V.D.C.

Terminal Connection Diagram



Special Specifications Available

Please see page 45, a table of "Standard and Special Specifications Available".