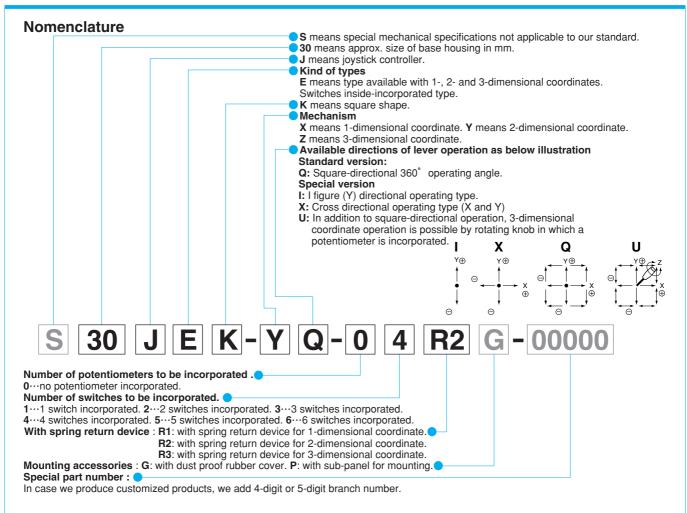
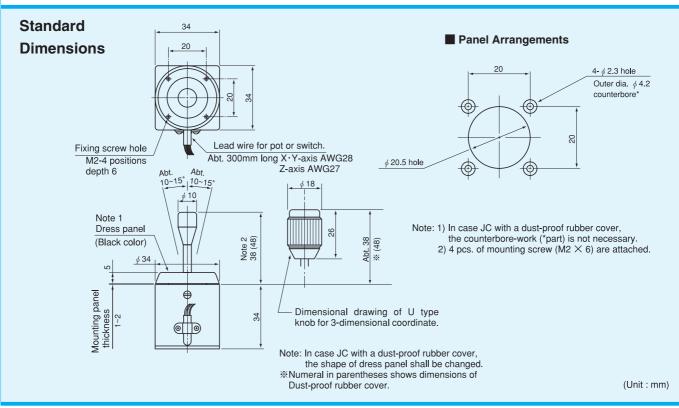
30JE







30JEK-YQ-04R2 (Standard) (2-dimensional coordinate type)



30JEK-ZU-06R3 (Standard) (3-dimensional coordinate type)

STANDARD SPECIFICATIONS

Model 30JE Series

(Switch inside-incorporated type)

Mechanical Performance

Controlling range of operating lever:

X and Y directions : Approx. $\pm 10^{\circ} \sim \pm 15^{\circ}$ from center position. Z direction : Approx. $\pm 30^{\circ} \sim \pm 35^{\circ}$ from center position.

Operating force (Standard spring return device : Automatically return to center)

X and Y directions: Approx.0.8~2N (80~200gf)

Z direction : Approx.15~60mN · m (150~600gf.cm)

Operating temperature range : $-20^{\circ}\text{C}{\sim}+65^{\circ}\text{C}$

Vibration: 10~55Hz 98m/s²

Shock: 294m/s2

Life expectancy: Approx. 1,000,000 operations.

Mass: 2-dimensional coordinate type: Approx. 80g

3-dimensional coordinate type: Approx. 100g

Electrical Performance

Switches used: Rating 24V.D.C., 50mA

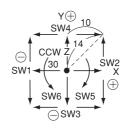
(Resistance load)

[In case of 3-dimensional coordinate and Z-axis switch-inside-knob incorporated type U, the rat-

ings are 24V.D.C., 100mA.]

Dielectric strength : 1 minute at 500V.A. C. **Insulation resistance :** Over $100M\Omega$ at 250V.D.C.

Terminal Connection Diagram



Switches of each axis will be "on" at both end of each axis.

Note 1) Terminals shall be lead-wire terminals with approx. 300mm long. (AWG28)

2) Colors of micro-switch connection leads are shown in parenthesis.

(For X-axis) SW1 (green 2 leads): ON up to ⊕ directional end from center position SW2 (white 2 leads): ON up to ⊕ directional end from center position

(For Y-axis) SW3 (yellow 2 leads): ON up to ⊖ directional end from center position

SW4 (red 2 leads): ON up to

directional end from center position

(For Z-axis) SW5 (orange 2 leads): ON up to CW directional end from center position SW6 (gray 2 leads): ON up to CCW directional end from center position

Special Specifications Available

Please see page 47, a table of "Standard and Special Specifications Available".