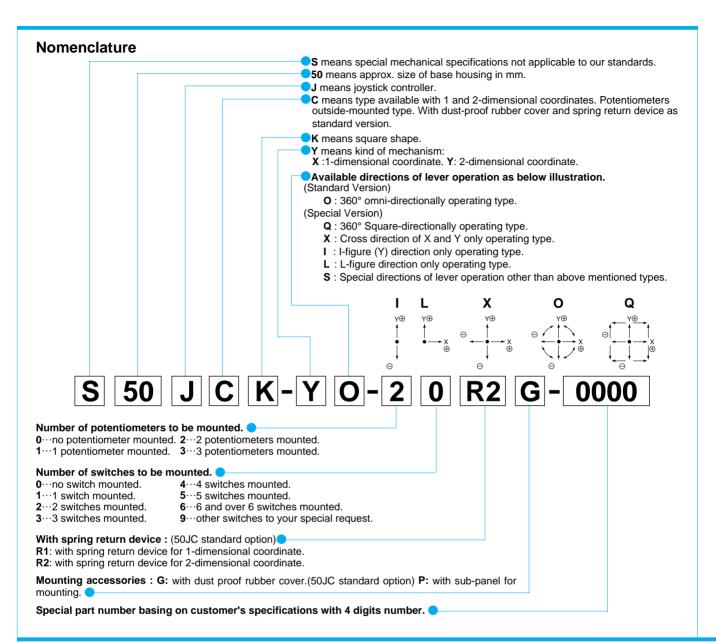
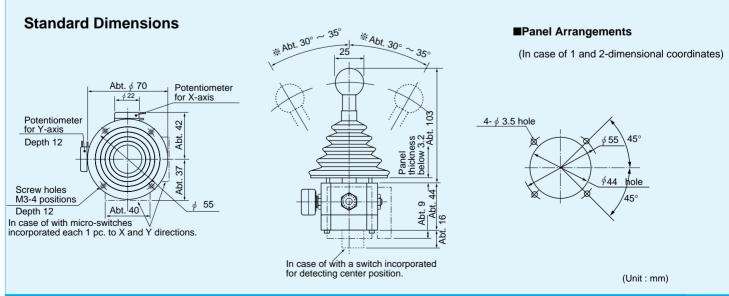
50JC







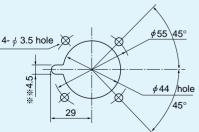
50JCK-YO-20R2G (standard) (2-dimensional coordinate type)



S50JCK-YO-25R2G(With 5 micro-switches and 1 of them is for detecting the center position)

■Panel Arrangements

(in case of with knob type 102)



Note: 1) In case of type Q, the angle of mark "% becomes 360° square-directionally and $\pm 20^{\circ} \sim \pm 25^{\circ}$ from center position.

- 2) In cace of with knob type 102, if other components except our standard pot model SFCP22E ,are mounted, the position of mark " ** " may change to other continuous to the standard position of mark " ** " may change to other continuous to the standard position."
- position.
 3) 4 pcs. of mounting screws (M3 × 14) are attached.

(Unit : mm)

STANDARD SPECIFICATIONS

• Mechanical Performances

Controlling range of operating lever :

• 2-dimensional coordinate type : Omnl-directionally approx. ±30° ~ ±35° operation from center position. **Operating force :** With standard automatically center returning spring return device (omni-directional type)

Approx. $3 \sim 15N (300 \sim 1,500gf.)$

Operating temperature range : -20°C \sim +65°C

Vibration: 10 ~ 55Hz 98m/s² (10G)

Shock: 294m/s2 (30G)

Life expectancy: Approx. 5,000,000 operations

Mass: Approx. 350g

Electrical Performances

 $\textbf{Potentiometers mounted}: SFCP22E\ 10 k\Omega \pm 15\%,\ 0.2W,\ independent\ linearity\ tolerance \pm 3\%\ (conductive)$

plastic resistive element). (Electrical rotating angle: Approx. 60°)

[All terminals can be fitted with the AMP110 series fasten receptacle (2.8 × 0.5mm) or equivalents.]

 $\textbf{Output smoothness:} \ \textbf{Below 0.2\% against input voltage}$

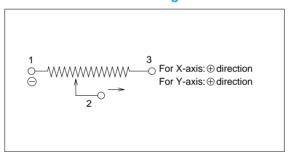
Contact resistance variation: Below 5% C.R.V.

Resolution: Essentially infinite

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

Insulation resistance : Over 1,000M Ω at 500V.D.C.

Terminal Connection Diagram



Special Specification Available

Please see page 41, a table of "Standard and Special Specifications Available".

-Joystick Controllers

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