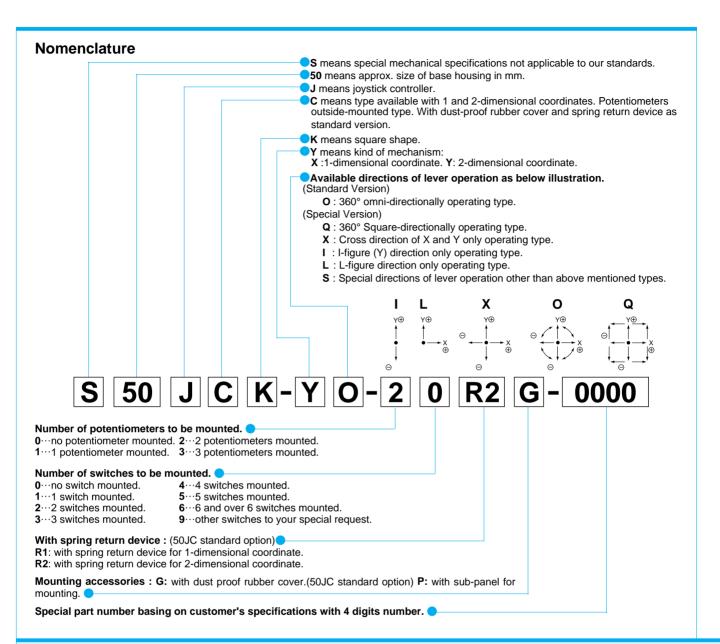
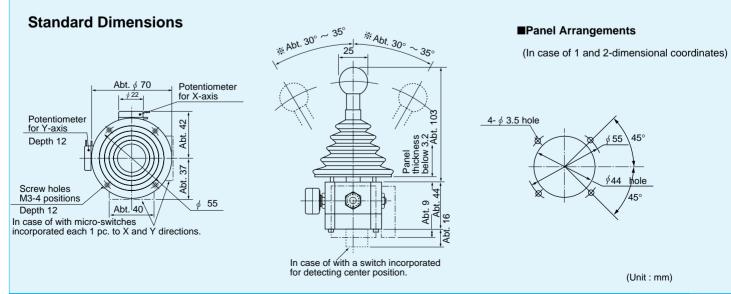
# **50JC**









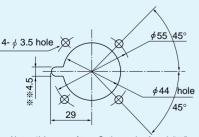
**50JCK-YO-20R2G** (standard) (2-dimensional coordinate type)



**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 ±20°∼±25° 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 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.  $\pm 30^{\circ} \sim \pm 35^{\circ}$  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/s<sup>2</sup> (10G)

Shock: 294m/s2 (30G)

Life expectancy: Approx. 5,000,000 operations

Mass: Approx. 350g

#### Electrical Performances

 $\textbf{Potentiometers mounted:} SFCP22E\ 10k\Omega\pm15\%,\ 0.2W,\ independent\ linearity\ tolerance\pm3\%\ (conductive\ 10k\Omega\pm15\%,\ 0.2W)$ 

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.]

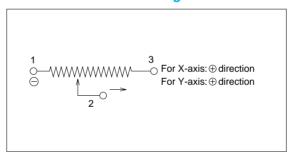
**Output smoothness :** Below 0.2% against input voltage **Contact resistance variation :** Below 5% C.R.V.

Resolution : Essentially infinite

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

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

## Terminal Connection Diagram



## Special Specification Available

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