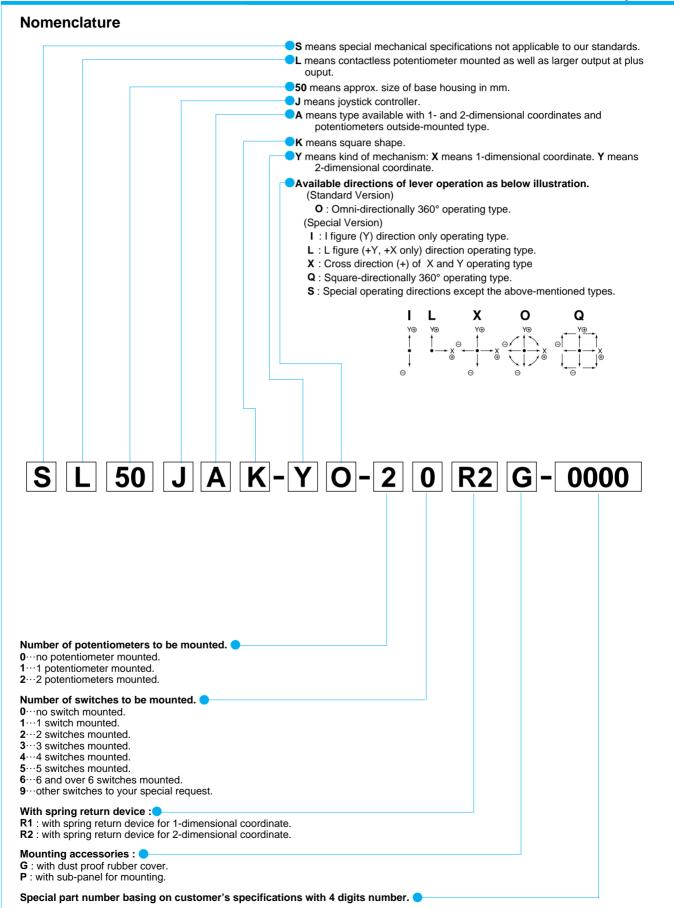
L50JA

New Inductance Type
Contactless Potentiometer inside-incorporated





This new model offers long life expectancy, vibration proof, high reliability and safety.

L50JAK-YO-20 (standard) (2-dimensional coordinate type)

STANDARD SPECIFICATIONS

•Mechanical Performances Controlling range of operating lever : 2-dimensional coordinate type : Omni-directionally $\pm 18^{\circ} \sim \pm 22^{\circ}$,

operation from center position.

Operating force: With spring return device (subject to directivity)

X, Y directions: Approx. 0.8 ~1.5N (80 ~150gf) Operating temperature range : -20°C ~+65°C

Vibration: $10 \sim 55 \text{Hz} \ 98 \text{m/s}^2 \ (10 \text{G})$

Shock: 294m/s² (30G)

Life expectancy: Approx.10,000,000 operations Mass: 2-dimensional coordinate type: Approx. 280g

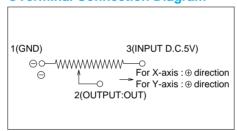
Electrical Performances

Potentiometers mounted: SKSM22E-5

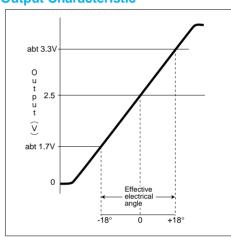
- Applied voltage: 5V.D.C.
- Effective output : Approx. 1.7V ~ 3.3V
- Independent linearity tolerance: ±3%
- ullet Load resistance : Over 10K Ω **Resolution**: Infinitesimal

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

Terminal Connection Diagram

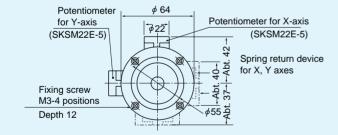


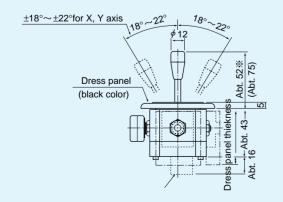
Output Characteristic



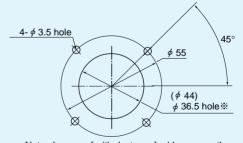
Special Specifications Available
Please see page 41, a table of "Standard and Special Specifications Available". Another applied voltage is also available.

Standard Dimensions





■Panel Arrangements



Note: In case of with dust proof rubber cover, the dimensions of " $\mbox{\ensuremath{\%}}$ " part changes to ϕ 44 mm. hole.

- Note: 1) In case of with dust-proof rubber cover, the dimensions of dress panel and "%" part dimension shall change to numbers in
 - parentheses. 2) Both type YO and YQ have same operating angle. 3) 4 pcs. of mounting screws (M3 imes 14) are
 - attached.

(Unit: mm)