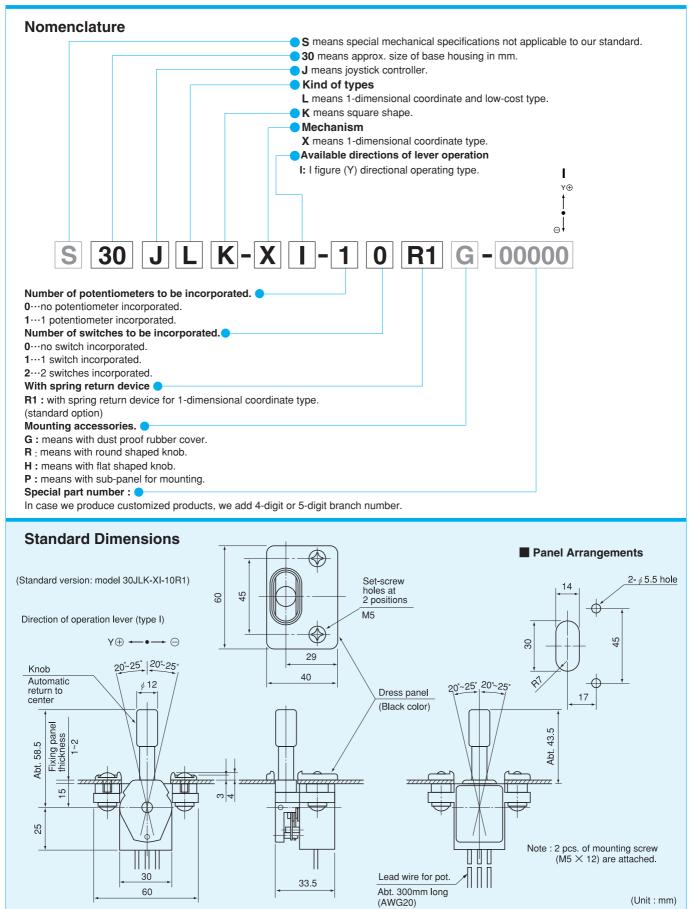
30JL

Potentiometer with a conductive plastic resistive element







30JLK-XI-10R1 (standard)



30JLK-XI-10R1R (with round shaped knob)



30JLK-XI-10R1H (with flat shaped knob)



30JLK-XI-10R1GR (with dust proof rubber cover, round shaped knob)

Note: Sub-panel (P), rubber cover (G), round shaped knob (R) and flat shaped knob shown on the above photos are optional parts.

STANDARD SPECIFICATIONS

Mechanical Performance

Controlling range of operating lever : $\pm 20^{\circ} \sim \pm 25^{\circ}$ from center position. Operating force : Standard spring return device : Automatically return to center.

Standard... Approx. 1N~2.5N (Approx. 100gf ~ 250gf). With rubber cover... Approx. 1N~5.5N (Approx. 100gf~550gf)

Operating temperature range : $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Vibration: 10~55Hz 98m/s²

Shock: 294m/s2

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

Mass: Approx. 100g

Electrical Performance

Potentiometer mounted: Special conductive plastic resistive element is exclusively used for 30JL series.

Total resistance value : $10 \text{k}\Omega \pm 20\%$ Independent linearity tolerance : $\pm 5\%$ Electrical rotating angle : Approx. 40°

Rated power: 0.1W

Output smoothness: Below 0.2% against input voltage.

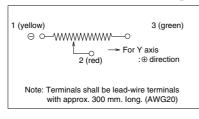
Contact resistance variation: Below 6% C.R.V.

Resolution: Essentially infinite

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

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

Terminal Connection Diagram

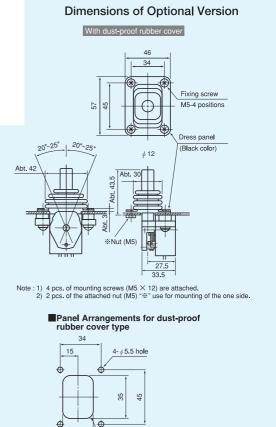


Round shaped knob

Flat shaped kn

45

46



4-R7



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

(Unit: mm)