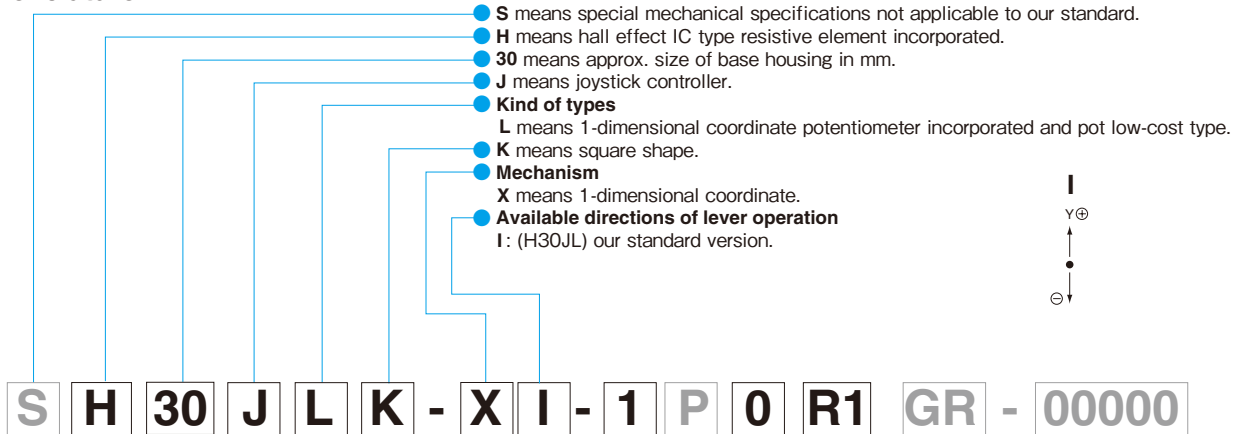


# H30JL

- Low-cost
- 1-dimensional coordinate
- With a hall effect IC

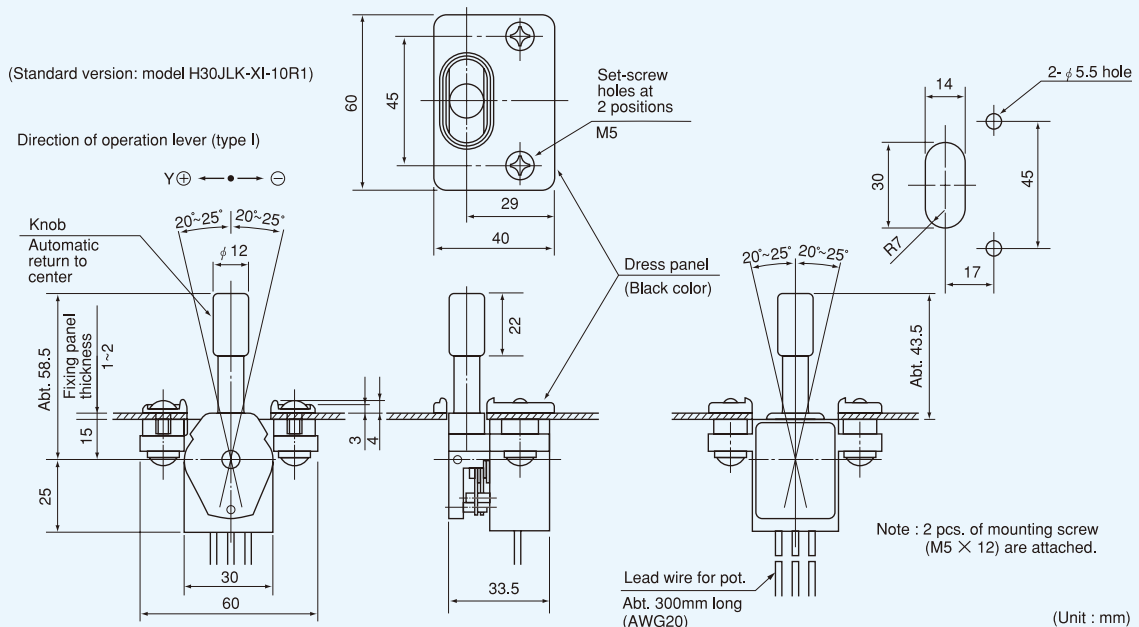
## Nomenclature



- Number of outputs from potentiometer**  
 1... single output. 2... two (dual output).
- Output characteristics**  
 None... single output. X... dual cross output. P... dual parallel output.
- Number of switches to be incorporated**  
 0...no switch incorporated. 1...1 switch incorporated.
- With spring return device:**  
 R1 : with spring return device for 1-dimensional coordinate type.
- Mounting accessories:**  
 G : with dust proof rubber cover.  
 R : with round shaped knob  
 H : with flat shaped knob  
 P : with sub-panel for mounting
- Special part number:**  
 In the case we produce customized products, we add 4 or 5-digit branch number.

## Standard Dimensions

### Panel Arrangements





**H30JLK-XI-10R1**  
(Standard)



**H30JLK-XI-10R1GR**  
(With round shaped knob, dust proof rubber cover)



**H30JLK-XI-10R1H**  
(With flat shaped knob)

## STANDARD SPECIFICATIONS

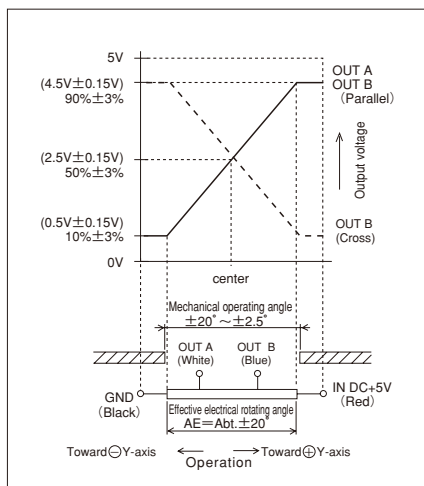
### Mechanical Performance

Controlling range of operating lever	1-dimensional coordinate type ±20°~±25° from center position.
Operating force	Standard spring return device : Automatically return to center Approx.1~2.5N(100~250gf) (With rubber cover: Approx.1~5.5N(100~550gf))
Operating temperature range	-20°C~+60°C
Vibration	10~55Hz 98m/s <sup>2</sup>
Shock	294m/s <sup>2</sup>
Life expectancy	Approx.5,000,000 operations.
Mass	Approx.100g

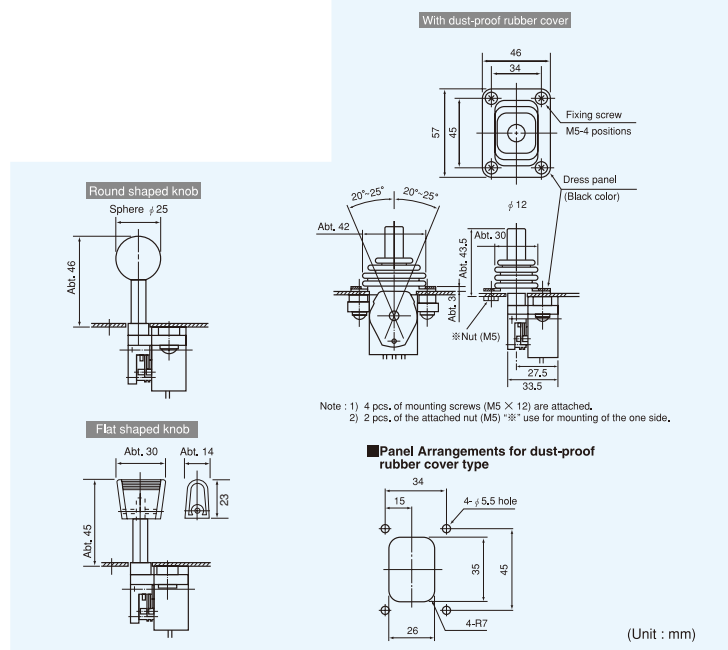
### Electrical Performance

Hall effect IC type resistive element incorporated	<ul style="list-style-type: none"> <li>Applied voltage: 5V±10% D.C.</li> <li>Effective output: Approx.0.5V~4.5V</li> <li>Independent linearity tolerance: ±3%</li> <li>Load resistance: over 10KΩ</li> </ul>
Dielectric strength	1 minute at 250V.A.C.
Insulation resistance	Over 1000MΩ at 250V.D.C.
EMS tolerance	50V/m(80MHz~1GHz 1KHz sine-wave 80%AM modulation)

### Output Characteristic and Terminal Connection Diagram



### Dimensions of Optional Version



### Special Specifications Available

Please see page 55, a table of "Special Specifications Available".