

● Hall effect IC ● RoHS Compliant

● Standard Dimensions

Seesaw motion ▶ Hall effect IC



RMP30HY with our standard knob



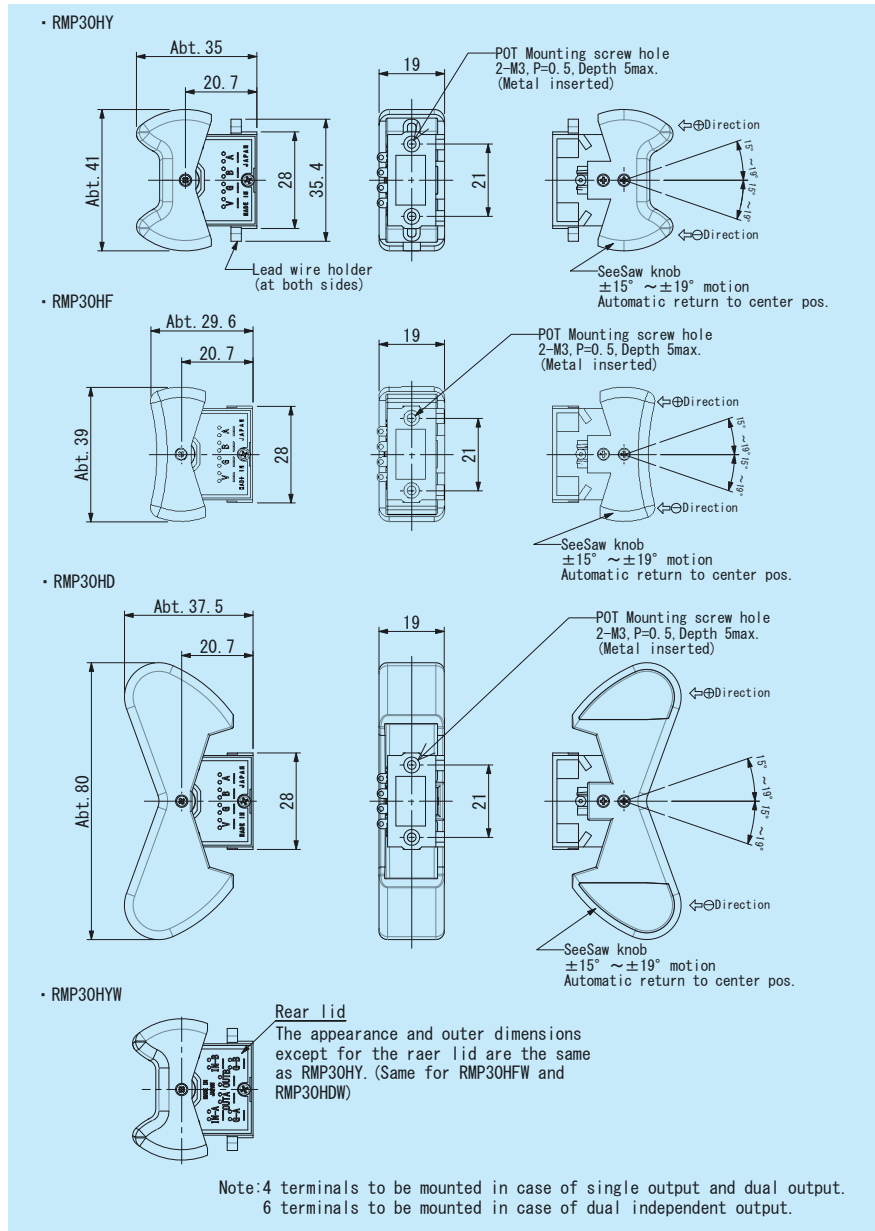
RMP30HF with flat shaped knob



RMP30HD with outstretched knob



RMP30HYW with our standard knob



● General Specifications · Environmental Specifications (Hall effect IC type)

Current Consumption	Approx. 7mA (Dual output type and Dual Independent output type: Approx. 14mA)
Independent Linearity Tolerance	±3%FS
Applied Voltage	5V.D.C. ±10%
Load Resistance	10kΩ min.
Output Voltage range	Approx. 10%~90% Vin
Effective Electrical Angle	30° ±5°
Operating Angle Range	±15° ~ ±19° from center position
Center Returning Accuracy	50%±3%
Insulation Resistance	Over 100MΩ at 250V.D.C.
Dielectric Strength	1 minute at 250V.A.C.

Operating Force	Approx. 24mN · m ~ Approx. 30mN · m (D type knob: Approx. 48mN · m ~ 60mN · m)
Output Temperature Characteristic	Within ±2.5% Vout · FS
Drift at Center Position	Within ±0.9% Vout · FS
Mass	Approx. 20g
Operating Temperature Range	-20°C ~ +60°C
Vibration	10~55Hz 98m/s ²
Shock	294m/s ²
Protection Grade (IP)	IP65
Life Expectancy	Approx. 5,000,000 operations
EMC Tolerance	100V/m
ESD Tolerance	±8kV contact discharge / ±15kV air discharge (Based on IEC 61000-4-2)

● Special Specifications Available

- Special output
- Heavier operating force (not available for D type knob)

(In the case of the potentiometer with special specifications, the general specifications and environmental specifications may change. Please consult us in advance.)