



◀ Conductive Plastic Potentiometer ▶

APPLICATION 應用

1. Panel-type installation, use the installation more convenient.
 伺服型安裝，使用安裝更方便。
2. 360° continuous rotation, the effective angle of 340° (can be customized)
 360° 連續旋轉，有效角度 340° (可定制)
3. Aluminum shell, bearing torque transfer handle revolving light.
 鋁合金外殼，軸承轉柄迴轉力矩輕。

SPECIFICATIONS 規格

Resistance 電阻阻值	1K, 5K, 10K
Resistance deviation 阻值偏差	$\pm 20\%$
Independent Linearity 獨立線性	$\pm 0.5\%$
Electrical angle 電氣轉角	$340^\circ \pm 5^\circ$
Mechanical angle 機械轉角	360° continuous
Insulation Resistance 絕緣電阻	$> 500\text{DC}, 500\text{V/m}$
Rated Power 額定功率	$0.5\text{W}/70^\circ\text{C}$
Resolution 分辨率	Infinte
Smoothness 平滑性	$\leq 1.5\%$
Temperature coefficient 溫度係數	$\pm 500\text{PPM}/^\circ\text{C}$
Strength 耐壓強度	500V. A. C. /min
Starting torque 啟動力矩	$< 0.098 \text{ N(M)}$
Temperature range 溫度範圍	$-40^\circ\text{C} \sim +125^\circ\text{C}$
Rotary Life 回轉壽命	30×10^6 cycles
Protection class 防護等級	IP50

ORDERING INFORMATION 訂購說明

PR35-	Resistance 電阻阻值	Angle 電氣/機械角度	Shaft length 軸柄長度	Shaft type 軸柄形式	Shaft diameter 軸柄直徑	Linearity 線性精度
	1K	$340^\circ / 360^\circ$	34:34mm	S: $\frac{1}{4}$	6: $\phi 6\text{mm}$	Blank: $\pm 0.5\%$
	5K		20:20mm			0.25: $\pm 0.25\%$
	10K					