



◀ LINEAR WIRE POTENTIOMETER ▶

- PRECISION ELECTRIC 0-5V AND 0-10V SIGNAL OUTPUT
- SUITABLE FOR SHORT TO MEDIUM MEASUREMENT RANGE

ELECTRICAL SPEC.

Full Stroke (mm) 量測行程	500, 750, 1000, 1250, 1500, 2000
Output Signal Mode 輸出信號模式	0-5Vdc or 0-10Vdc
Linearity 線性度	±0.3%FS (standard class); ±0.15%FS (precision class)
Repeatability 重復性	±0.05%FS
Resolution 解析	Essentially infinite
Measurement Wire 線徑規格	(stroke ≤ 1250 mm) Diameter 0.6 mm SUS304 with Nylon - coated (stroke ≥ 1500 mm) Diameter 0.7 mm SUS304 with Nylon - coated
Sensor	Wire-wound and hybrid potentiometer
Starting Torque on Spring 拉力	(stroke 0 ~ 1250 mm) 600 g; (stroke over 1500) 1000g max.
Max. Measuring Wire Velocity (come and go) 最大往復速度	1000 mm / sec.
Weight 重量	≤ 1000 g

MECHANICAL SPEC.

Input Power 供應電壓	10-30Vdc for 0-5 volt output, 15-30Vdc for 0-10 volt output
Input Current 供應電流	10 mA max.
Zero and Span Adjustment	Please consult us.

ENVIRONMENTAL SPEC.

Operating Temp. 操作溫度	0°C ~ +50°C
Storage Temp. 儲存溫度	-20°C ~ +80°C
Vibration 震動	10 Hz to 2000 Hz, 10 g
Protection 保護等級	IP 64 (for pot. housing only)

ORDERING INFORMATION

HPS-M	Measuring Range 量測行程	Signal Mode 信號模式	Life 壽命及線性度
	05: 500 mm 125: 1250 mm 075: 750 mm 15: 1500 mm 10: 1000 mm 20: 2000 mm	*5V: 0-5Vdc *10V: 0-10Vdc	Blank: 1 X 10 ⁶ cycles, linearity 0.3%FS *F: 5 X 10 ⁶ cycles, linearity 0.15%FS