

ELECTRICAL SPEC.

Full Stroke (mm) 量測行程	500, 750, 1000, 1250, 1500, 2000, 3000, 4000
Sensor	Wire-wound and hybrid potentiometer
Output Signal Mode 輸出信號模式	0-5 Vcd or 0-10 Vcd
Resolution 解析	Essentially infinite
Linearity 線性度	(standard class) $\pm 0.3\%$ FS; (precision class) $\pm 0.15\%$ FS
Repeatability 重覆性	$\pm 0.05\%$ FS
Input Power 供應電壓	10-30 Vcd for 0-5V output; 15-30 Vcd for 0-10V output
Input Current 供應電流	10 mA max.

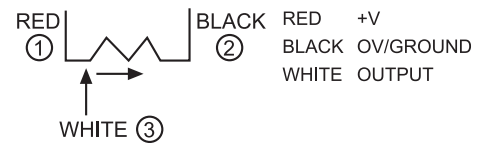
MECHANICAL SPEC.

Wire Specification 線徑規格	(Stroke ≤ 1250 mm) Diameter: 0.6 mm SUS304 with nylon coating (Stroke ≥ 1500 mm) Diameter: 0.7 mm SUS304 with nylon coating
Max. Travel Speed 最大往復速度	1,000 mm / sec.
Vibration 震動	10 Hz to 2000 Hz, 10g
Cable 電線	$\phi 5.4$, 100 cm long, radial cable output
Weight 重量	$< 1,000$ g
Starting Torque Spring 拉力	(Stroke ≤ 1250 mm) 600g; (Stroke ≥ 1500 mm) 1000g

ENVIRONMENTAL SPEC.

Operating Temp. / Humidity 操作溫度/濕度	0°C ~ 70°C, RH35% ~ 90%(No Condensation)
Storage Temp. 儲存溫度	-20°C ~ 80°C
Protection 保護等級	IP64 : Dust & Dripping Proof (only for potentiometer housing)

Electrical Connection



ORDERING INFORMATION

EHP-SM1-	Measuring Range 量測行程	Signal Mode 信號模式	Life 壽命及線性度
	05: 500 mm 15: 1500 mm 075: 750 mm 20: 2000 mm 10: 1000 mm 30: 3000 mm 125: 1250 mm 40: 4000 mm	*5V: 0-5 Vdc *10V: 0-10 Vdc	Blank: 1 X 10 ⁶ cycles, linearity 0.3% FS *F: 5 X 10 ⁶ cycles, linearity 0.15% FS *F25: 5 X 10 ⁵ cycles, linearity 0.3% FS