

ELECTRICAL SPEC.

Full Stroke (mm) 量測行程	3000, 4000, 5000, 6000, 8000
Sensor	Wire-wound and hybrid potentiometer
Output Signal Mode 輸出信號模式	4-20 mA (2 wires)
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	15-24 Vdc $\pm 20\%$
Input Current 供應電流	20 mA max.
Loop Resistance (load)	(loop supply voltage -12) / 0.02 max.
Zero and Span Adjustment	$\pm 5\%$

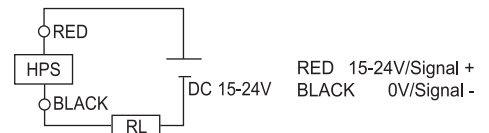
MECHANICAL SPEC.

Wire Specification 線徑規格	Diameter: 1.0 mm SUS304 with nylon coating
Max. Travel Speed 最大往復速度	600 mm / sec.
Vibration 震動	10 Hz to 2000 Hz, 10g
Cable 電線	Ø5.4, 100 cm long
Weight 重量	< 3,500g
Starting Torque Spring 拉力	$\leq 2,200g$

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-SL1 -	Measuring Range 量測行程	Signal Mode 信號模式	Life 壽命及線性度
	30: 3000 mm 60: 6000 mm	*420: 4-20 mA	Blank: 1 X 10 ⁶ cycles, linearity 0.3% FS
	40: 4000 mm 80: 8000 mm		*F: 5 X 10 ⁶ cycles, linearity 0.15% FS
	50: 5000 mm		*F25: 5 X 10 ⁶ cycles, linearity 0.3% FS