

### 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	0-5 Vdc or 0-10 Vdc
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 Vdc for 0-5V output; 15-30 Vdc for 0-10V output
Input Current 供應電流	10 mA max.

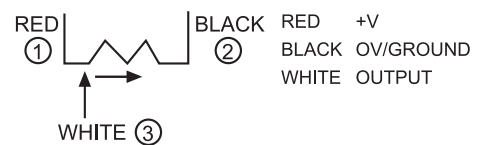
### MECHANICAL SPEC.

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	$\varnothing 5.4$ , 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

30: 3000 mm 60: 6000 mm  
40: 4000 mm 80: 8000 mm  
50: 5000 mm

Signal Mode  
信號模式

\*5V: 0-5 Vdc  
\*10V: 0-10 Vdc

Life  
壽命及線性度

Blank: 1 X 10<sup>6</sup> cycles, linearity 0.3% FS  
\*F: 5 X 10<sup>6</sup> cycles, linearity 0.15% FS  
\*F25: 5 X 10<sup>6</sup> cycles, linearity 0.3% FS