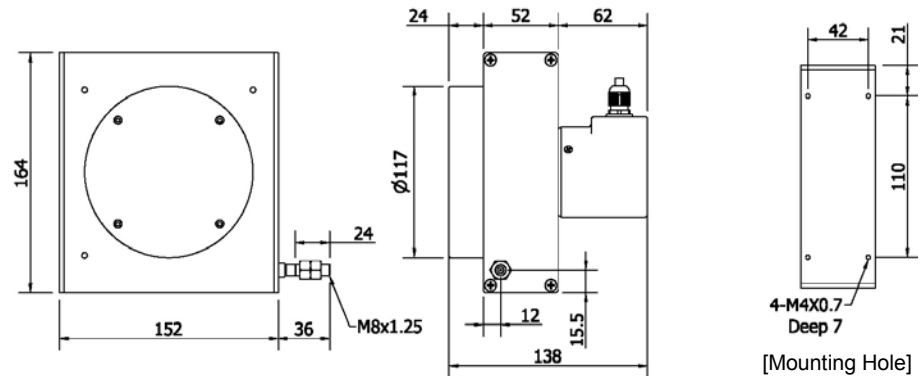


EHP-SL1-V

LINEAR WIRE POTENTIOMETER

- PRECISION ELECTRIC 0-5V and 0-10V SIGNAL OUTPUT
- SUITABLE FOR LONG MEASUREMENT RANGE



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	0-5Vdc or 0-10Vdc
Resolution 解析	Essentially infinite
Linearity 線性度	[standard class] $\pm 0.3\%$ FS; [precision class] $\pm 0.15\%$ FS (± 1 count)
Repeatability 重覆性	$\pm 0.05\%$ FS
Input Power 供應電壓	10-30Vdc for 0-5V output; 15-30Vdc 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, 10 g
Cable 電線	$\varnothing 5.4$, 100 cm long
Weight 重量	< 3,500 g
Starting Torque on Spring 拉力	$\leq 2,200$ g

ENVIRONMENTAL SPEC.

Operating Temp. / Humidity 操作溫度/濕度	0°C ~ 70°C
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	<i>Measuring Range</i> 量測行程		<i>Signal Mode</i> 信號模式		<i>Life</i> 壽命及線性度
	30 : 3000 mm	60 : 6000 mm	*5V: 0-5Vdc	Blank: 1×10^6 cycles, linearity 0.3% FS	
	40 : 4000 mm	80 : 8000 mm	*10V: 0-10Vdc	*F: 5×10^6 cycles, linearity 0.15% FS	
	50 : 5000 mm			*F25: 5×10^6 cycles, linearity 0.3% FS	