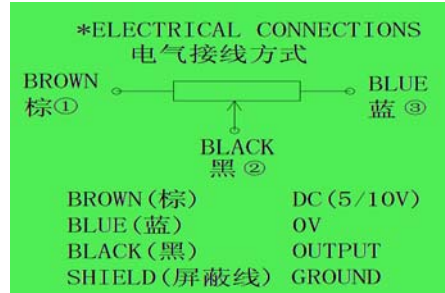




AVS-S-R 系列产品



◀ LINEAR WIRE POTENTIOMETER ▶

- PRECISION ELECTRIC RESISTANCE SIGNAL OUTPUT
- SUITABLE FOR SHORT TO MEDIUM MEASUREMENT RANGE

ELECTRICAL SPEC.

Effective Stroke(mm)量测行程	(200mm~1000mm)之间量程任意可选
Output Signal Mode 输出信号模式	Resistance(Potentiometer)
Linearity 线性度	±0.3%FS(standard class);±0.1%FS(precision class)
Repeatability 重复性	±0.02%FS
Resolution 解析	Essentially infinite 本质无穷
Measurement Wire 线径规格	Diameter0.6mmSUS304 with fluorin-coated,Breaking load at 16Kg
Sensor 传感器	Wire-winding and hybrid potentiometer 绕线混合电位器
Starting Torque on Spring 拉力	<600g
Max.Measuring Wire Velocity(go and back)最大往复速度	500mm/sec
Weight 重量	≤600g

MECHANICAL SPEC.

Input Resistance 输入电阻值	5Kohm+/-10%FS(standard class),+/-5%FS(precision class)
Power consumption(watts)功率	1W at70℃ (for stroke500mm), 2W at70℃ (for stroke1000mm)
Recommended Input Voltage 输入电压	5/10VDC

ENVIRONMENTAL SPEC.

Operating Temp.工作温度	0℃ ~+70℃
Storage Temperature 储存温度	-20℃ ~+80℃
Vibration 震动	10Hz to 2000Hz
Protection 保护等级	IP65(for pot housing only)

ORDERING INFORMATION 订货须知

AVS-	Measuring Range 量测行程 (200mm~1000mm) 之间量程任意可选.	Signal Mode 信号模式 R:Resistance 5k ohm	Life 寿命及线性度 Blank:1×10 ⁶ cycles linearity0.25%FS *F: 5×10 ⁶ cycles linearity0.1%FS
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