

### **SP1-12 Information**

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For Reference Only

Part Number SP1-12

Manufacturer TE Connectivity Measurement Specialties

**Category** Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** STRING POT 12.5 INCH RANGE

Package -

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **SP1-12 Specifications**

Manufacturer Part NumberSP1-12ManufacturerTE Connectivity Measurement SpecialtiesCategorySensors, TransducersPackage-Series-For MeasuringLinear PositionTechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 317mm (0 ~ 12.5")OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance10 kOhmsResistance Tolerance±10%Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°CReport errors?		
CategorySensors, TransducersPackage-Series-For MeasuringLinear PositionTechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 317mm (0 ~ 12.5")OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance10 kOhmsResistance Tolerance±10%Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°C	Manufacturer Part Number	SP1-12
Package - Series - For Measuring Linear Position Technology Rotation Angle - Electrical, Mechanical Linear Range Output Analog Voltage Output Signal Actuator Type Linearity Resistance Linearity Resistance 10 kOhms Resistance Tolerance  ±10% Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature Position Measuring  Linear Position Measuring  - Resistor  10 kOhms Resistance Position Measuring  Actuator Position Measuring  - Resistion  10 kOhms Resistance 10 kOhms	Manufacturer	TE Connectivity Measurement Specialties
Package-Series-For MeasuringLinear PositionTechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 317mm (0 ~ 12.5")OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance10 kOhmsResistance Tolerance±10%Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°C	Category	Sensors, Transducers
Series-For MeasuringLinear PositionTechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 317mm (0 ~ 12.5")OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance10 kOhmsResistance Tolerance±10%Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°C		Position Sensors - Angle, Linear Position Measuring
For Measuring Technology Resistive  Rotation Angle - Electrical, Mechanical Linear Range 0 ~ 317mm (0 ~ 12.5") Output Analog Voltage Output Signal - Actuator Type String Potentiometer Linearity - Resistance 10 kOhms Resistance 10 kOhms Resistance Tolerance ±10% Voltage - Supply 30V Mounting Type Panel Mount Termination Style Operating Temperature - Linear Position Resistance Linear Position Resistance Linear Position - Resistance Tolerance 10 kOhms - Resistance Tolerance 10 kOhms - Resistance Tolerance 10 kOhms - Resistance Tolerance - 10 kOhms	Package	-
TechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 317mm (0 ~ 12.5")OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance10 kOhmsResistance Tolerance±10%Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°C	Series	-
Rotation Angle - Electrical, Mechanical-Linear Range0 ~ 317mm (0 ~ 12.5")OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance10 kOhmsResistance Tolerance±10%Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°C	For Measuring	Linear Position
Linear Range $0 \sim 317 \text{mm} (0 \sim 12.5")$ OutputAnalog VoltageOutput Signal-Actuator TypeString PotentiometerLinearity-Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 10\%$ Voltage - Supply $30\text{V}$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Technology	Resistive
Output Signal - Actuator Type String Potentiometer Linearity - Resistance 10 kOhms Resistance Tolerance ±10% Voltage - Supply 30V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature -18°C ~ 70°C	Rotation Angle - Electrical, Mechanical	-
Output Signal - Actuator Type String Potentiometer  Linearity - Resistance 10 kOhms  Resistance Tolerance ±10%  Voltage - Supply 30V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -18°C ~ 70°C	Linear Range	0 ~ 317mm (0 ~ 12.5")
Actuator TypeString PotentiometerLinearity-Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 10\%$ Voltage - Supply $30\text{V}$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Output	Analog Voltage
Linearity-Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 10\%$ Voltage - Supply $30\text{V}$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Output Signal	-
Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 10\%$ Voltage - Supply $30\text{V}$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Actuator Type	String Potentiometer
Resistance Tolerance $\pm 10\%$ Voltage - Supply $30V$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Linearity	-
Voltage - Supply30VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-18°C ~ 70°C	Resistance	10 kOhms
Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -18°C ~ 70°C	Resistance Tolerance	$\pm 10\%$
Termination Style Solder Lug  Operating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Voltage - Supply	30V
Operating Temperature $-18^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Mounting Type	Panel Mount
	Termination Style	Solder Lug
Report errors?	Operating Temperature	-18°C ~ 70°C
		Report errors?

### **SP1-12 Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **SP1-12 Payment Methods**



















## **SP1-12 Shipping Methods**













If you have any question about SP1-12, please do not hesitate to contact us!

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