

Industrial Voltage Divider String Pot

MEAS | MEAS SR



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors

The SR1A model industrial voltage divider string pot is designed for wet environments and outdoor applications. The SR1A is constructed of a rugged polycarbonate enclosure designed to withstand impact from harsh environments and rugged conditions. Mounting bracket and field installable mating connector included.



Position Sensor Product Type: **SR Series, IP67 String Pots**

Full Stroke Range: **4445 mm**

Output Signal Type: **Voltage Divider (Potentiometric)**

Accuracy: **±.5 % of FS**

Repeatability: **.02 % of FS**

Features

Reference Number

Product Type Features

Position Sensor Product Type	SR Series, IP67 String Pots
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Body Features

Case Material	Polycarbonate + Stainless Mounting Bracket
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Dimensions

Full Stroke Range (mm)	1587.5, 3175, 4445
Full Stroke Range (in)	62.5, 125, 175

Usage Conditions

Accuracy (% of FS)	±.5
Operating Temperature Range (°C)	-40 - 85
Operating Temperature Range (°F)	-40 - 185

Operation/Application

Output Signal Type	Voltage Divider (Potentiometric)
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Industry Standards

IP Rating	IP67
Other	
Repeatability (% of FS)	.02
Encoder Drive	No
Measuring Cable	Nylon-Coated Stainless Steel

Products (1 of 1)



STRING POT, 175 INCH RANGE



STRING POT, 62 INCH RANGE



STRING POT, 125 INCH RANGE

TE Part #	SR1A-175	SR1A-62	SR1A-125
Full Stroke Range	4445 mm	1587.5 mm	3175 mm
EU RoHS Directive 2011/65/EU	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	Out of Scope for EU ELV	Not Yet Reviewed for EU ELV
Product Families	MEAS	MEAS	MEAS
Series	MEAS SR	MEAS SR	MEAS SR

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.