



SANSHENG
SENSOR



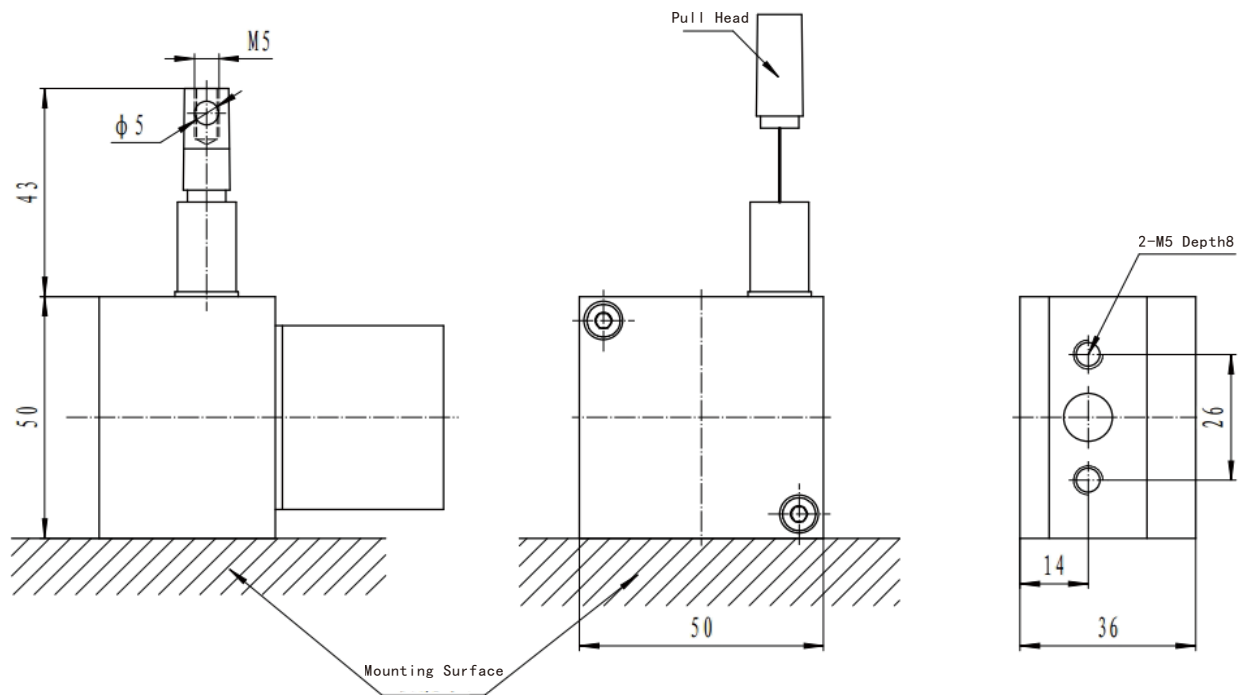
Product Selection Guide

SLP50S Applications & Features

Imported precision potentiometers, Hall encoder and absolute encoder are optional for the analog signal output type. The output signals: current 4-20 mA, voltage 0-5V, voltage 0-10V and resistance signals. The maximum stroke can reach 1000MM. Working temperature : -30 °C-+90 °C.



Mechanical Drawing



Mechanical Specifications

Measuring Range	0——1000mm optional
Housing	aluminium alloy, oxidation surface treating, wear and corrosion prevention
Wire Rope	0.6mm high flexible imported plastic coated wire rope
Wire Retraction Force (min)	appr. 1N
Wire Extension Force (max)	appr. 2.5N
Linear Accuracy	0.1%-0.05%FS
Repeatability Accuracy	0.01%
Life	>10 million times

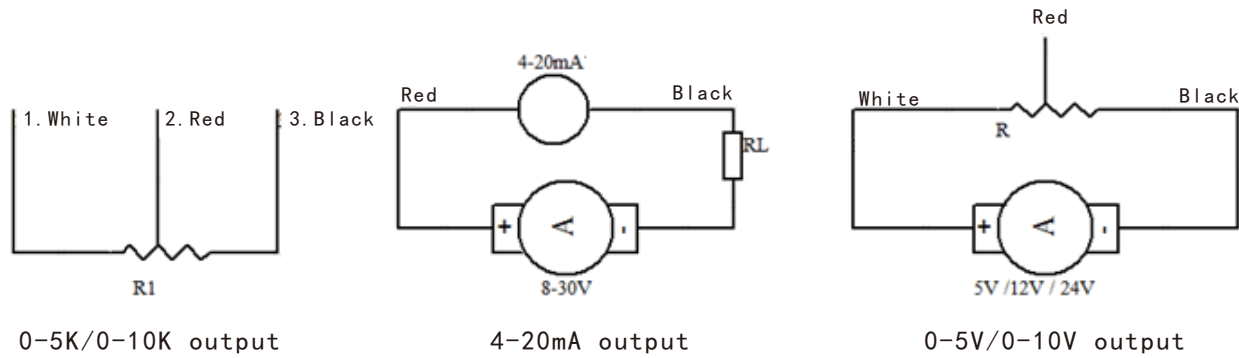
Electrical Specifications

Sensor Element	Potentiometer				
Electrical Connection	Cable Radial, 1m				
Output Model	0-5V	0-10V	4-20mA	0-5K	0-10K
Operating Voltage(DC)	5V/12V/24V	12V/24V	8-30V	0-Vcc	0-Vcc
Resolution (mm)	Quasi-infinite				
Max. Reciprocating Speed	1000mm/s				
Reciprocating Frequency	50 Hz (See Reciprocating Amplitude)				

Enviromental Specifications

Temperature Range	-30℃——90℃
Vibration Resistance	10HZ——1500HZ 10G
Protection Class	IP54(Standard)
Weight(kg)	0.485

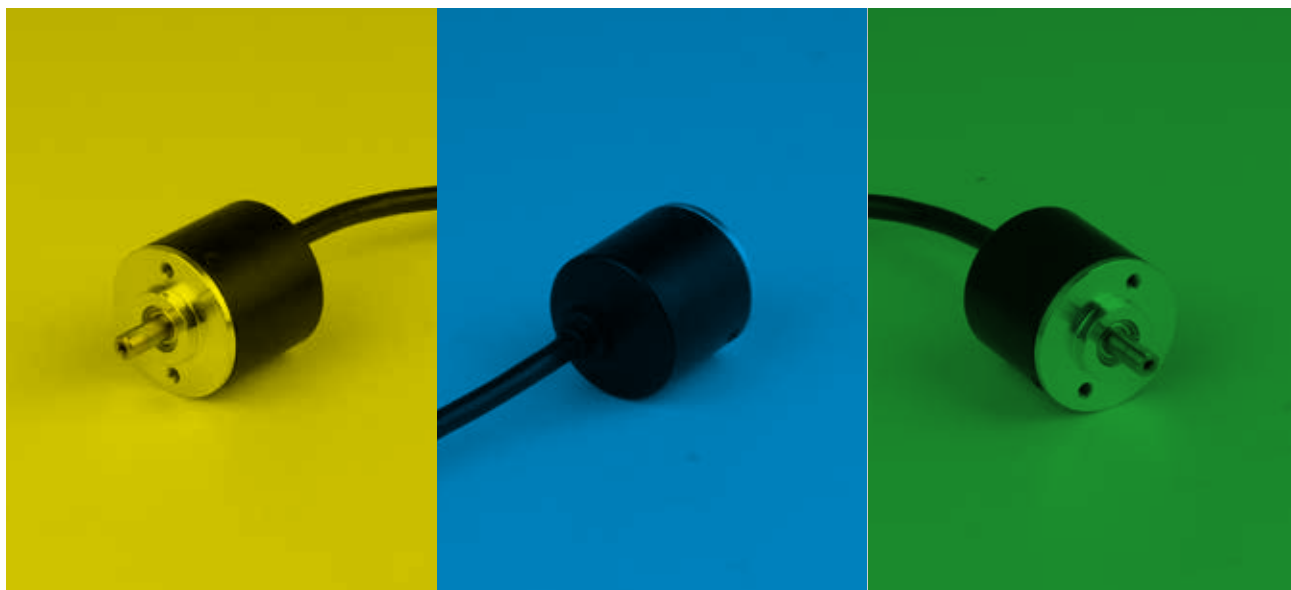
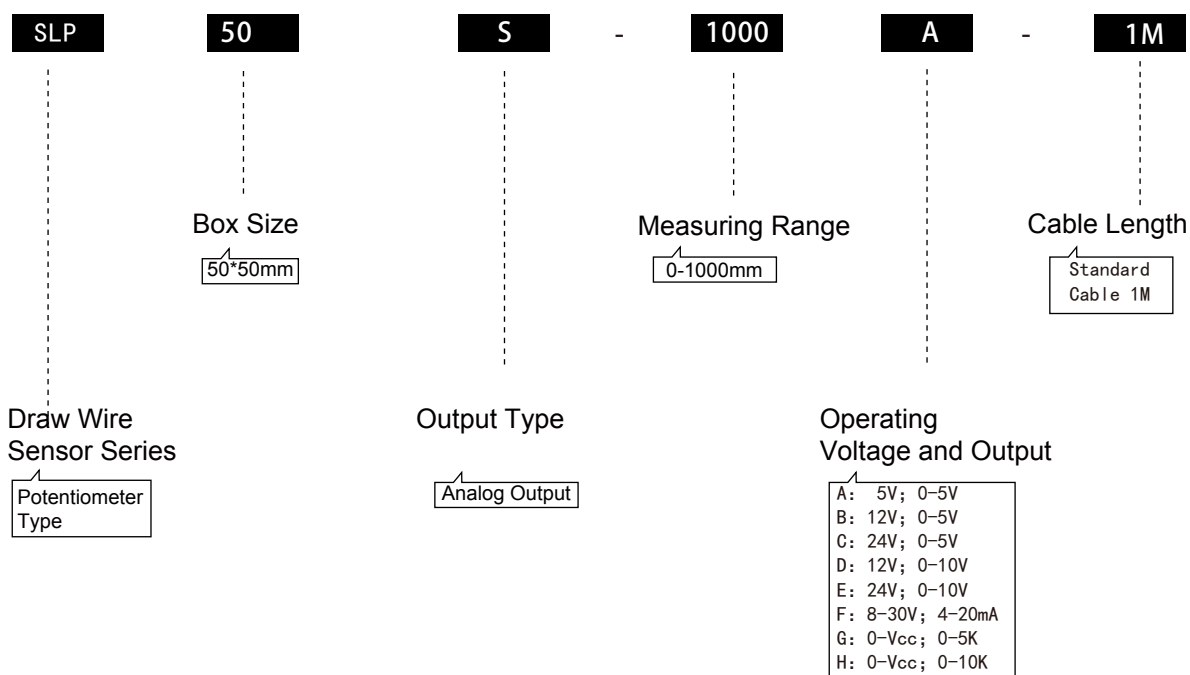
Output Circuits



Electrical Connections

Cable Color	Red	Black	White
0-5K/0-10K	Signal Output	0V	Vcc
4-20mA	Vcc	Signal Output	N/A
0-5V/0-10V	Signal Output	0V	Vcc

Order Information



TEL:86-0431-81857464

Skype:zhangpaula312

WhatsApp:+86 13804324526

Email:paulazhang@san-sheng.net



**SANSHENG
SENSOR**

JILIN SANSHENG SENSING TECHNOLOGY CO,LTD

No 191,Chaoqun Street, High-tech Development District,
Changchun 130012,China.