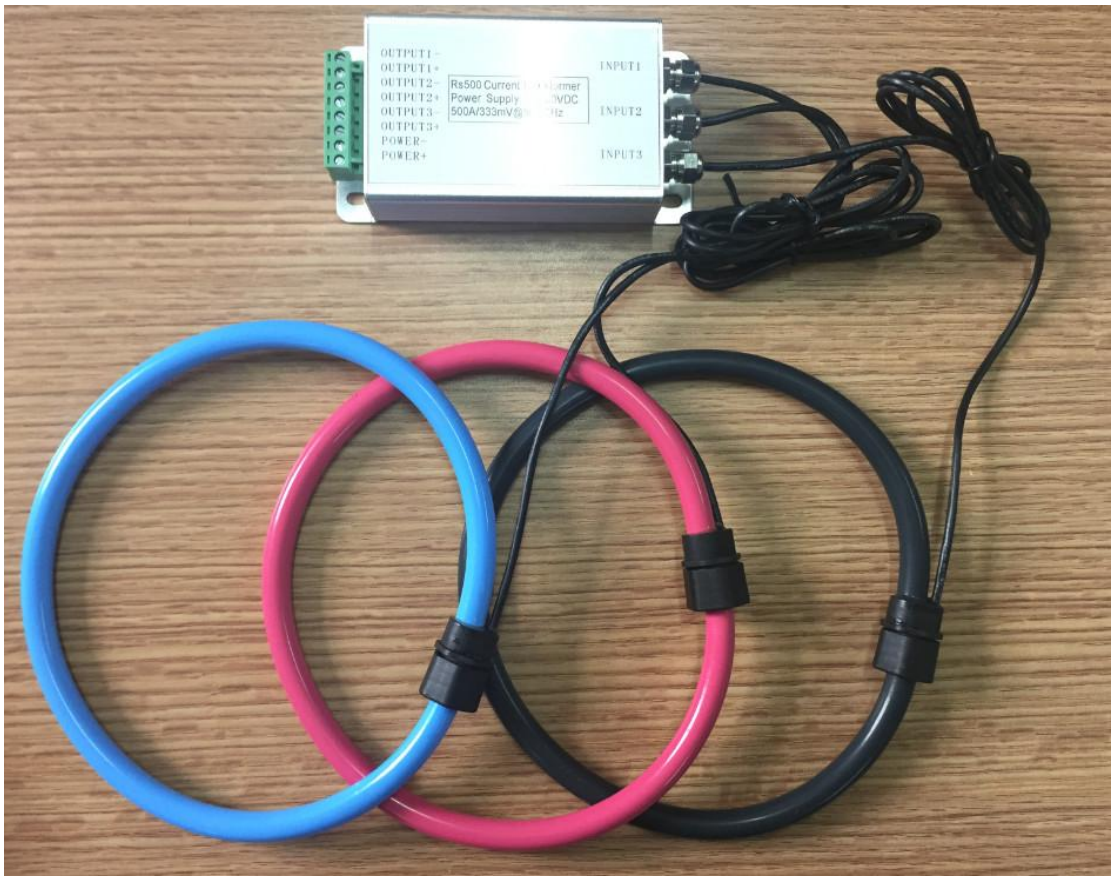
0.333V Output Three Phase Rogowski Coil

RSxxxx 系列罗氏线圈积分器，可以真实的还原输入电流且同时具有一定的滤波放大作用，从而使波形更加的平滑和实用，具有测量范围宽，精度高，稳定可靠，响应频带宽等特点，广泛应用与冶金、电镀、焊接、变频调速等领域。

RSxxxx series Rogowski coil integrator ,can be true to restore the input current and at the same time have a certain filter amplification,so that the waveform is more smooth and practical, wide measuring range,high precision ,stable and reliable response and wide frequency band etc., Widely used in metallurgy,electroplating ,frequency control and other fields.

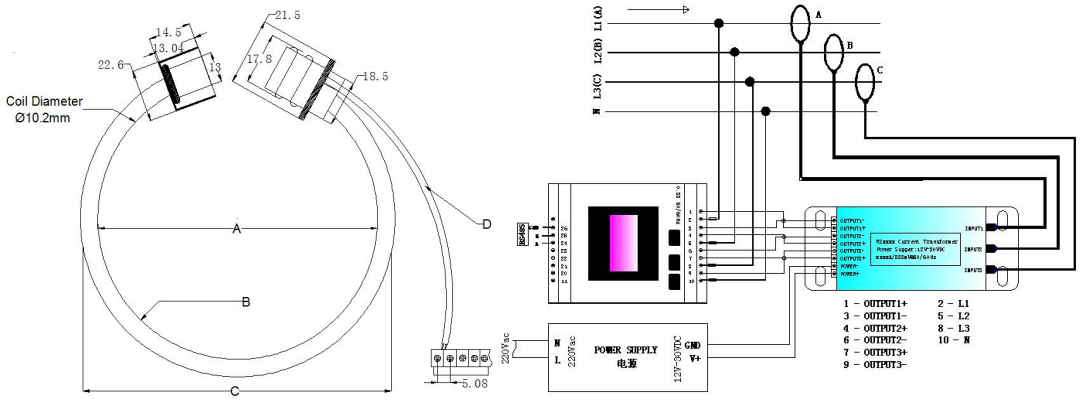


电参数 Electrical data (Ta=25℃±5℃)

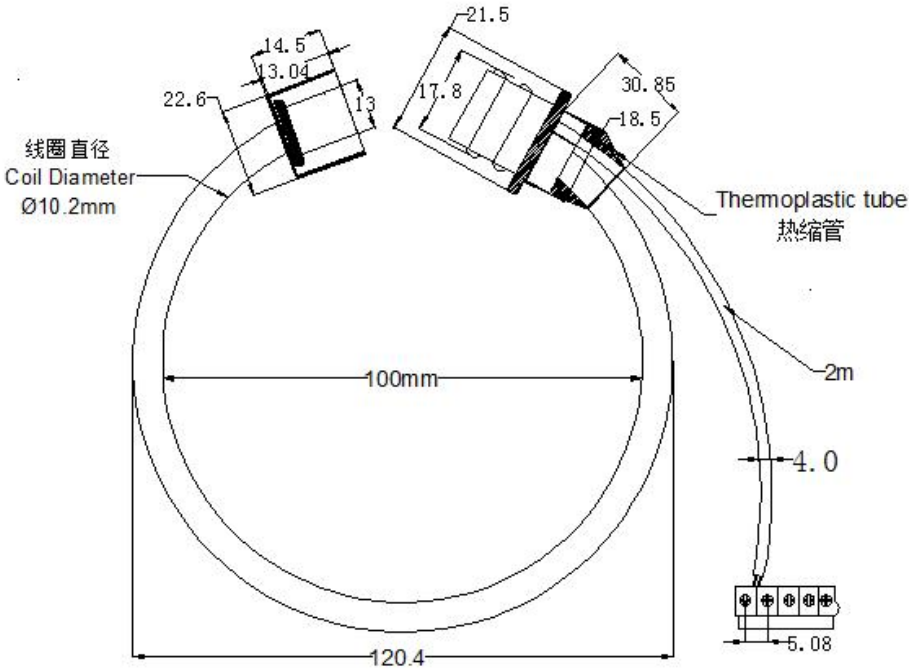
Type	RS500	RS1500	RS2500	单位 Unit
额定输入电流 Rated current	500	1500	2500	A(ac)
测量电流范围 Measure range	5% - 120%			%
工频频率 Power frequency	45-60			Hz
频带宽 frequency	10 - 10KHz			Hz

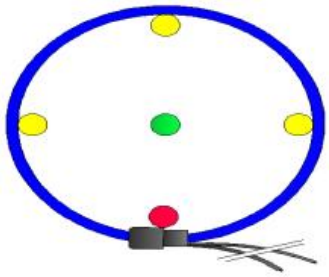
band		
额定输出电压 Rated output	0.333Vac	Vac
电源电压　Supply voltage	12 - 30V	V
功耗电流 Power Consumption	<30	mA
失调电压　Offset voltage	≤3	mV
失调温漂　Offset drift	@ -25～+70℃　≤±1	mV/℃
精度　Accuracy	≤1	%
线性度　Linearity	≤1	%FS
响应时间　Response time	≤1	ms
绝缘电压　Galvanic isolation	AC,1min　3	KV
绝缘阻抗　Isolation resistance	@ DC 500V　1000	MΩ
工作温度 (TA) Operating temperature	-25 to +70	℃
储存温度 (TS) Storage temperature	-40 to +85	℃

结构参数 Mechanical dimension(for reference only)



A(mm)	B(mm)	C(mm)	D(m)
100	10.2	120.4	1
120	10.2	140.4	1
150	10.2	170.4	1
可定制 Custom made	10.2	可定制 Custom made	可定制 Custom made





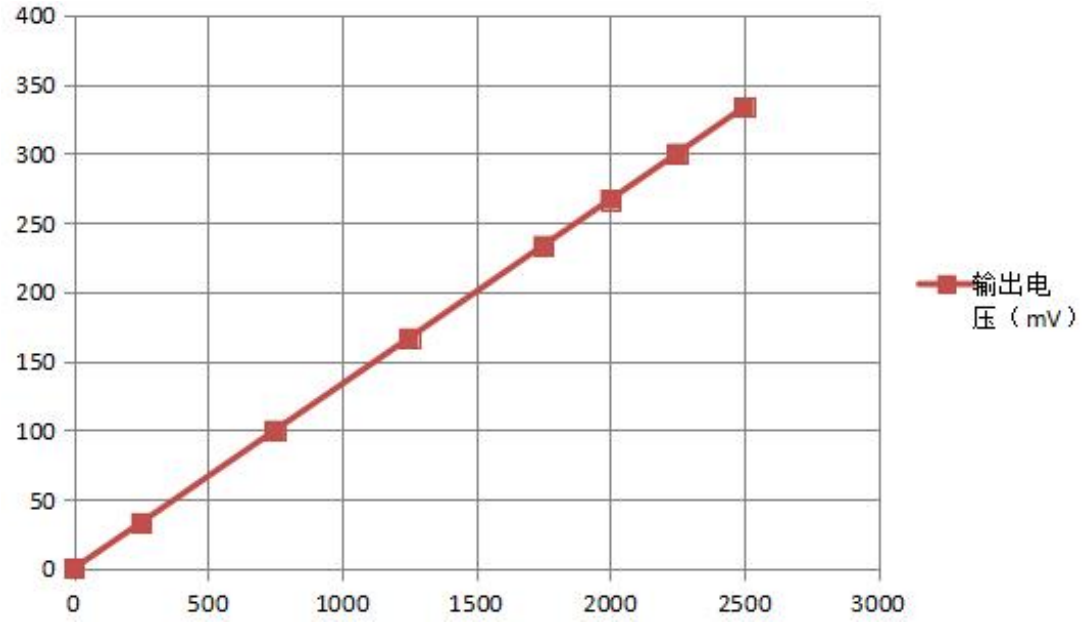
颜色（color）	位置（location）	误差（error）
绿色（green）	中心（center）	±1.0%
黄色（yellow）	0-180°	±1.5%
红色（red）	对接点（ gap）	±2.0%

使用说明 Directions for use

1. 接线方式要根据标签指示进行接线，特别是三相积分器，一定要是交流电压输入接口的设备才能相连接，否则会导致值显示错误。(注意：错误的接线可能导致积分器损坏)
The wiring should be connected according to the label instructions,especially three-phase integrator must be AC voltage input interface device can be connected.Otherwise the value will be displayed error.
(Note: The false wiring may result in the damage of the integrator)
2. 可按用户需求定制不同额定输入电流和输出电压的积分器。
Custom design in the different rated input current and the output voltage are available.

特性图 Characteristics chart

输入-输出特性曲线（**Input-output characteristic curve**）



Contact information

