BR series Rogowski coil transducer

1.Product overview

BR series conduct the real-time measurement on the alternating current in the power grid according to the electromagnetic induction theory. They utilize the RMS and the linear compensation technology to isolate and convert the measured current into the standard DC signal.24VDC safety source features high precision, isolation and safety and low power consumption. It is widely used in metallurgical, electroplating, welding and other fields.

2.Explanation for type

BR - AI

Input：Alternating current

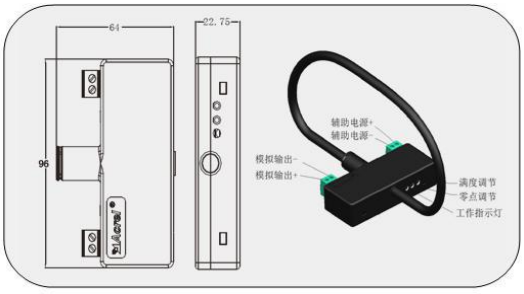
Code of product series

3.Technical data

Technical parameters		Index
Input signal		AC200A～20kA
Output	Nominal value	DC4-20mA
	load resisance	≤500Ω
	output ripple	Peak to peak value of output ripple ≤ 100mV
Power supply		DC24V allowed range 21.6 V～26.4V
Power consumption		≤0.5W
Precision degree		0.5
Temperature drift coefficient		≤200ppm
Response time		≤500mS
Installation method		Bracket

4. **Outline size**

Input current range	Length of Rogowski coil
AC 200A--1000A	350
AC 1200A--2000A	370
AC 2500A--5000A	450
AC 6300A--30000A	600



Note: Can futher customize according to the needs of customers.

5. Wiring method

Note:The specific wiring will be subject to the wiring diagram on the physical shell.

6. Installation