

RST Flexible rogowski Coils
Rated input current 0-5000A

Output signal(di/dt):
144 mV/1000A @ 60 Hz
120 mV/1000A @ 50 Hz
Band width(-3dB): 2Hz~100kHz
Output sensitivity: ±2%
Maximum reponse time(10 to 90%): 1us
Location is sensitive: ±1%
Operating temperature: -20°C~70°C
Integrator porwer supply: DC9V DC12V DC24V
Standrd lead length: 2m



Technical Data Sheet:

Model	Rated current	Maximum window size	Phase difference	Accuracy	Linearity
RST-090-400A/0.333V	400A	90mm	≤1%	±0.5%	±0.2%
RST-100-800A/0.333V	800A	100mm			
RST-150-1000A/0.333V	1000A	150mm			
RST-190-3000A/0.333V	3000A	190mm			
RST-200-5000A/0.333V	5000A	200mm			

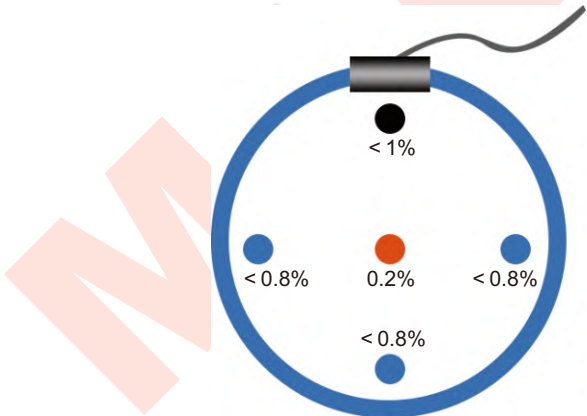


Figure 1. Diagram shows percentage error resulting from position of conductor inside coil

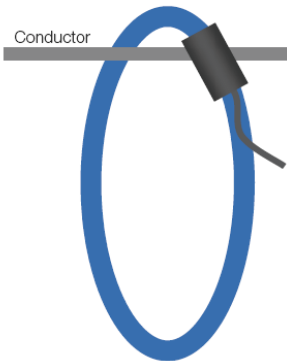


Figure 2. Side view of conductor passing through.

WARING!

Do not stress the coil by applying any kind of mechanical force(ie.twisting,puncturing,excessive pressure,tight bending,etc.) which will dramatically degrade the device’s accuracy.