

# Specification

Customer name: \_\_\_\_\_

Product name: High Frequency Rogowski coil

Manufacturer model: RFSY-24-50

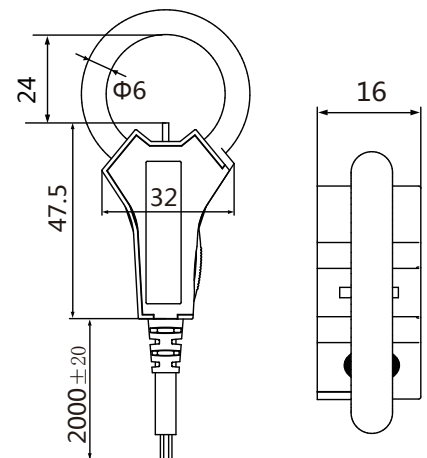
Customer No.: \_\_\_\_\_

## Typical technical parameters:

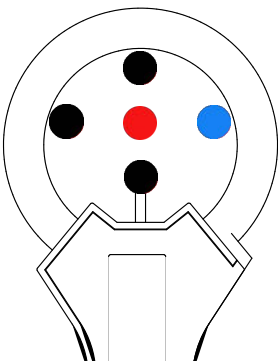
|                              |                                         |
|------------------------------|-----------------------------------------|
| Model                        | RFSY-24-50                              |
| Coil length                  | 104mm                                   |
| Window diameter              | 24mm                                    |
| Reference measuring current  | ≤10KA                                   |
| Accuracy                     | ±0.5% 25℃                               |
| Position error               | ±1%                                     |
| Output voltage(di/dt)        | 50mV/KA@50Hz                            |
| Frequency range              | 10Hz~20KHz                              |
| Linearity                    | ±0.2%                                   |
| Phase shift                  | ≤0.5°                                   |
| Specification of signal line | LIYCY(TP)Shielded double stranded cable |
| Signal line length           | 200cm                                   |
| Working temperature          | -30℃~+80℃                               |
| Storage temperature          | -40℃~+80℃                               |
| Working voltage              | 1000VRMS CATIII/600VRMS CAT IV          |
| Material                     | TPR UL97-V0                             |
| Protection grade             | IP67                                    |



## Dimensions:

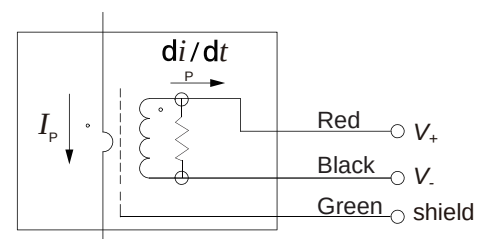


## Position sensitivity:



| Conductor Position                                                                  | Typical Error(%) |
|-------------------------------------------------------------------------------------|------------------|
|  | ±0.5%            |
|  | +0.3%            |
|  | -0.3%            |

## Schematic diagram:



# Specification

Customer name: \_\_\_\_\_

Product name: Rogowski coil integrator

Manufacturer model: TRV01-333AC-1

Customer No.: \_\_\_\_\_

## Typical technical parameters:

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Model               | TRV01-333AC-1                                      |
| Rated input         | 300A                                               |
| Rated output        | 333mV AC                                           |
| Maximum output      | 3.3V AC                                            |
| Accuracy            | 1%(Typical value 5%~120% of rated current at 25°C) |
| Frequency range     | 10Hz~10KHz                                         |
| Linearity           | ±0.2%                                              |
| Phase shift         | ≤0.5°                                              |
| Response time       | ≤1uS                                               |
| Power consumption   | 1%                                                 |
| Supply voltage      | 12V DC                                             |
| Mounting type       | Suspended                                          |
| Working temperature | -20°C ~ +60°C                                      |
| Storage temperature | -40°C ~ +60°C                                      |
| Protection grade    | IP20                                               |



## Dimensions:

