

High frequency CT penetrated type

CT Standard CT only for high frequency -2kHz ~ 100MHz-

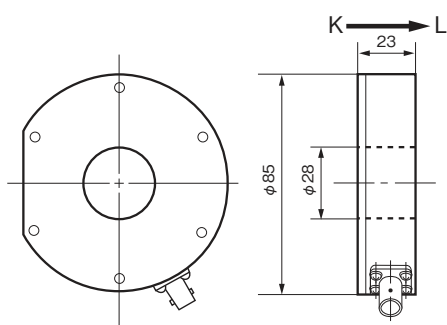


Model CTL-28-S90-05Z-1R1

[Features]

- Standard CT only for high frequency corresponding to 2kHz~100MHz
- Suitable to standard current sensor for test and research
- Excellent noise resistance by inserting into aluminum case
- Measurement of each type of high frequency and pulse current. Suitable to wide application for wave monitoring
- Suitable to wave monitoring by oscilloscope, because output is BNC connector voltage output type

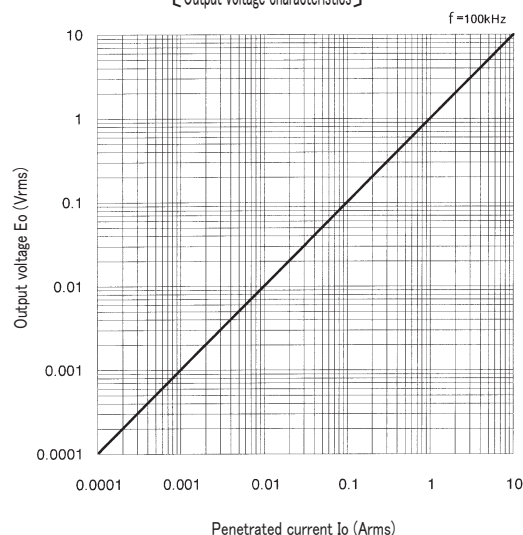
[Outline drawing]



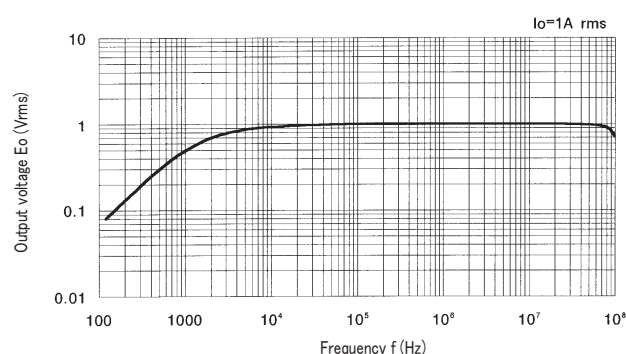
[Specification] Ta=25°C

Model	CTL-28-S90-05Z-1R1
Primary current	0.01 ~ 10Arms
Frequency	2kHz ~ 100MHz (-3dB bandwidth)
Output sensitivity	1.0V / A ± 3% (100kHz)、 $R_L=1M\Omega$ 0.5V / A ± 3% (100kHz)、 $R_L=50\Omega$
Linearity	± 3%FS
Output impedance	50 Ω
Operating temperature	-10°C ~ +75°C
Storage temperature	-20°C ~ +85°C
Structure	Aluminum case, common frame ground
Output connector	BNC-R
Mass	approximately 360g

[Output voltage characteristics]



[Frequency characteristics]



Remark

- (1) No isolation between aluminum case and BNC-R connector by common ground. Isolate the measuring object if the isolated measurement is necessary
- (2) Only for high frequency current measurement more than 2kHz. Impossible to earn specified output sensitivity with commercial frequency 50/60Hz