

## Advantages

- High reliability
- For large current
- Low power consumption
- Extended measuring range

## Open Loop Type



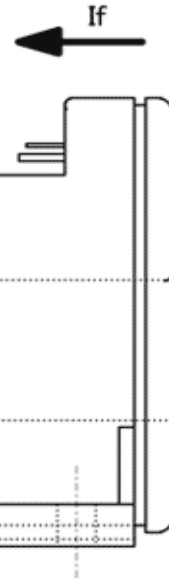
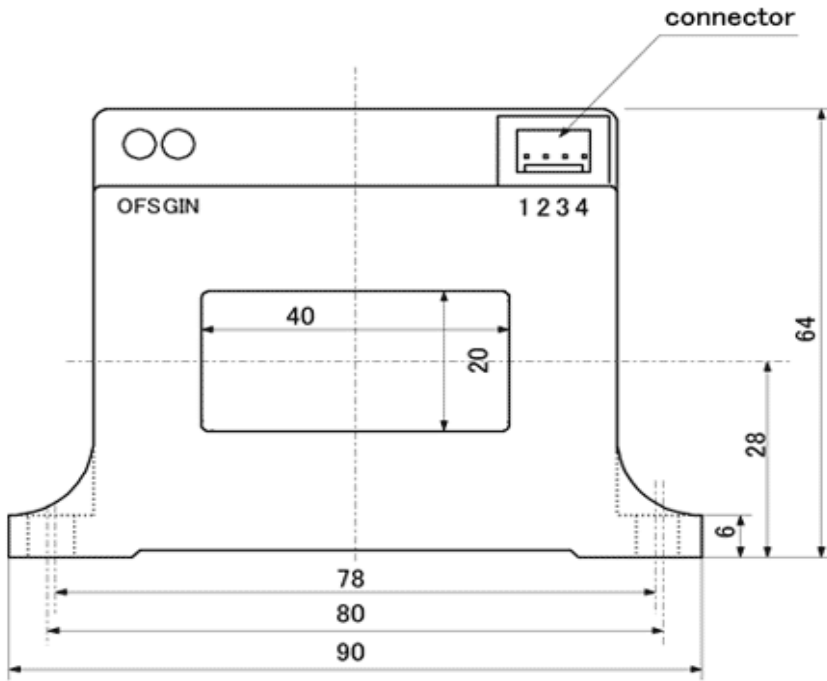
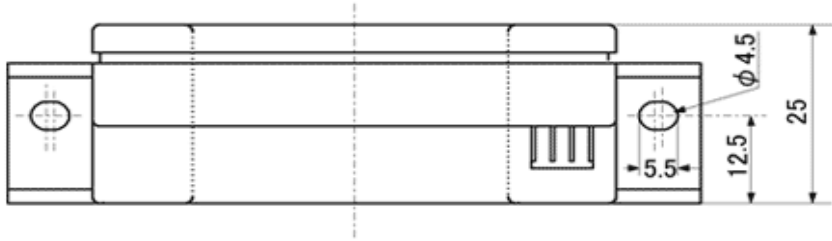
## Specifications

Ta=25°C

Product name	Code:1508		CA-100
	Symbol	Unit	
Nominal input current	If(n)	AT	±1000
Saturation current	If(s)	AT	±2700
Nominal Output Voltage	Vh	V	±4±0.040 [at If(n)]
Load resistance	RL	Ω	10k
Offset Voltage	Vo	V	0±0.030 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±20 Max.
Response Speed	Trr	μ sec	5 Max. [at di/dt=100A/μ sec]
Thermal Drift of Vh		%/°C	±0.07 Max. [at If(n)]
Thermal Drift of Vo		mV/°C	±1 Max. [at 0A]
Dielectric Strength		kV	AC 2.5 [with 50 or 60 Hz 1min.]
Insulation Resistance		Ω	500M Min. [at 500V DC]
Operating Temperature	Ta	°C	-20 to +80
Storage Temperature	Ts	°C	-25 to +85
Hysteresis Error		mV	±30 Max. [at If --> 0]

Dimensions

Unit : mm

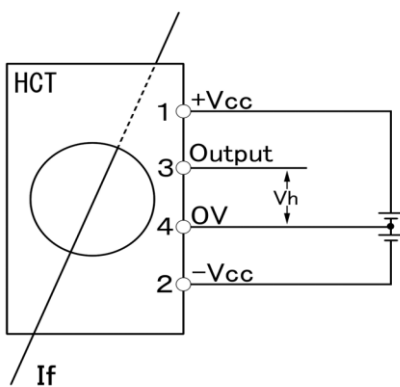


Connector Type[22-11-1041] Maker[Molex]

CA-21008

Product Name	Mass
CA-100	214g

Connection



**NANA** ENGINEERING CO.,LTD.  
ENGINEERING

1-22-5,Morino,Machida-shi,Tokyo 194-0022  
Machida 310 Irago building 4F  
E-Mail : nanaeng\_sales@nana-e.com  
URL : <http://www.nana-e.com>