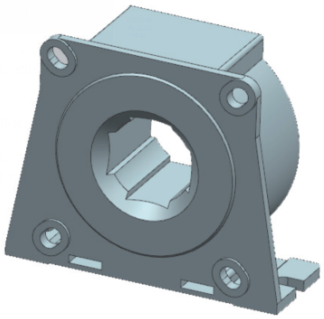
HA5020

Product characteristics:

Plug terminal output, plate installation, the wrong wiring will lead to product damage , dc AC pulse current measurement, and a detection current into a linear output, output signal can directly into the automatic control equipment or PLC port.

Product picture print for reference only, subject to the actual product



Technical Index:

Flame resistance：UL94-V0

Working temperature：-10℃～+70℃

Storage temperature：-25℃～+70℃

Dielectric strength：3KV 50Hz 1min

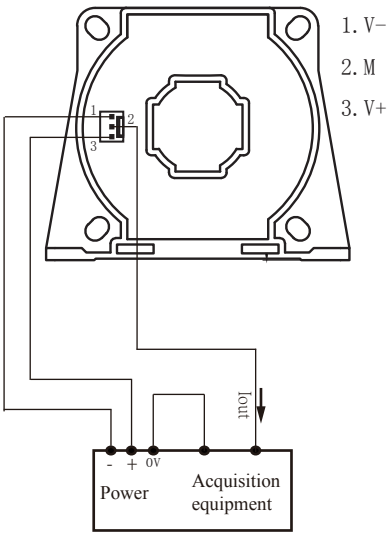
Electrical parameters:The following parameters are typical values. The actual values shall be subject to the actual measurement of the product

I_{Pn} Rated input	±100	±100	±200	±300	±300	A
I_{PM} Input measurement range	±150	±150	±300	±450	±450	A
I_{OUT} Rated output	±50	±100	±100	±100	±150	mA
X Accuracy	0.5					%
ε_L Linearity	0.1					%
V_C Supply voltage(±5%)	±12/±15/±12~±20					V
I_C Current consumption	≤38					mA+Is
R_L Load impedance	-					Ω
I_{OE} Zero offset voltage	≤±0.15					mA
T_R Response time	≤1					μs
BW Band width	DC~100					KHz
N.W Weight	-					g

Wiring diagram:

Terminal definition:

1. V-
2. M
3. V+



※Detection:

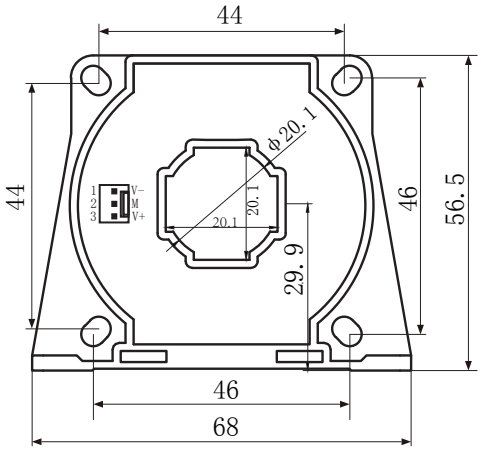
①Choose the auxiliary power supply with small ripple (≤20mV)

②Switch on auxiliary power

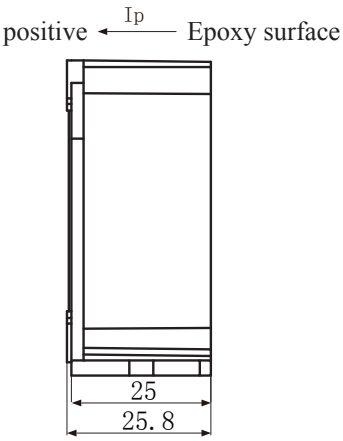
③The auxiliary power is connected to the sensor

④The sensor detects the primary current

Dimensions(in mm±0.5）：



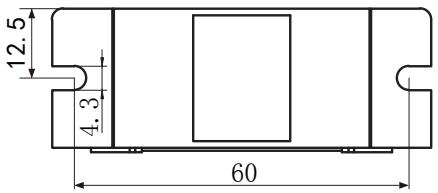
Front view



Side view

Connector Illustration:

KF2510-3P spacing 2.54mm



Bottom view