

Hall current transducer



Model:THA6209D

Square plug terminal output, sub-plate mounting type; The faulty wiring can lead to product damage, Please according to direction of arrow to thread when testing DC current, reverse threading will lead to inaccurate output, The output is linear with primary test current, and the output signal can be directly enter automatic control equipment or PLC port.

Technical index:

Flame resistance: UL94-V0

Operating temperature: -10°C ~ +70°C

Storage temperature: -40°C ~ +85°C

Dielectric strength: 2.5KV 50Hz 1min

Overload capacity: 8times 0.1S

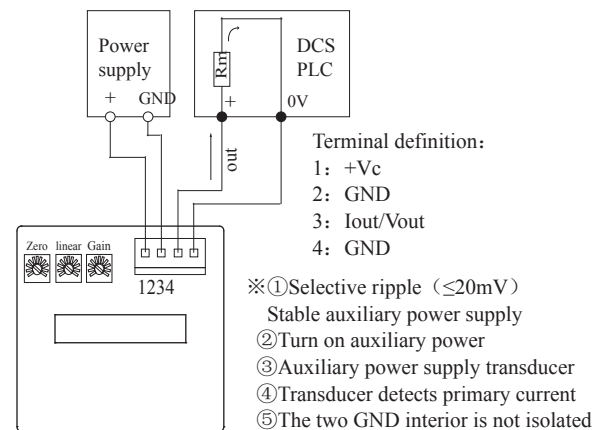
Waterproof level: IP00 (IP44 Terminal need to dispose)



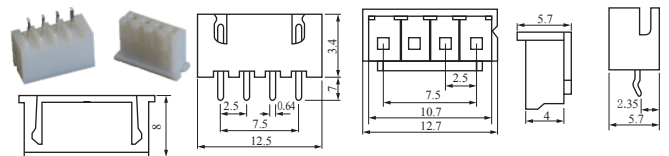
Electric parameters:

Rated input	50~400	A
Input measure range	$I_p * 120\%$	A
Rated output	0-20; 4-20	mA
	0-5; 1-5; 0-10	V
Accuracy	0.5 1	%
Linearity	≤ 0.5	%
Supply voltage($\pm 5\%$)	+12、+24	V
Current consumption	$38 + I_o$	mA
Load capacity	10V/20mA	
Zero offset TA=25°C	$\leq 0.1\text{mA}$ or 10mV	
Response time	<350	ms
Working frequency	DC	Hz
Weight	130	g

Schematic diagram:



Connector schematic diagram:



Cold-press terminal quick-connect plug/socket, Distance 2.5, Pin size 0.5×0.5

Dimensions (in mm):

