



Special Modules HV-4AI

Descriptions:

8 channels analog input.
 12 bits high precision input.
 current/voltage mode selectable.
 voltage mode output range: DC 0~5V, 0~10V.
 current mode output range:DC 0~20mA, 4~20mA.
 PID control function.
 self-study PID parameters.
 DC 24V power supply.
 Support Modbus-RTU protocol.
 RS485 port, can connect with PLC, HMI and other devices.
 Can extend 16 this kind of modules at most.

PRODUCTS STANDARS

1. General Specifications.

| tem | Voltage | Current |
|-------------------------|---|--|
| Analog input range | DC0 ~ 5V、 0 ~ 10V | DC0 ~ 20mA、 4 ~ 20mA |
| | (exterior load resistor 2KΩ~1MΩ) | (exterior load resistor less than 500Ω) |
| Maximum input range | ±18V | 0 ~ 40mA |
| Digital output range | 12 bits binary numbers | |
| Resolution | 1/4095 (12Bit) | |
| Integrated precision | 0.8% | |
| Conversion speed | 20ms per channel | |
| Power supply for analog | DC24V±10% , 100mA | |
| Installation | Use M3 screw or fix on DIN46277 rail (width 35mm) | |
| Profile dimension | 63mm×102mm×73.3mm | |