

## NXI-6701-4 Multi-channel DC Current Measurement Module



### Product Introduction

NXI-6701-4 is a multi-channel, high-accuracy DC current measurement module. Single module supports 4 channel synchronous current measurement. NXI-6701-4 supports adjustable reading rate, including fast / medium / slow three levels, and it can effectively help users to save the space and cost of testing. The electrical isolation of each channel can ensure the safety of the measurement. NXI-6701-4 is widely used in cartronics, home appliances, integration testing and other scenarios that require strong electrical measurements.

### Application Fields



Home Appliances



Automotive Electronics



Integrated Test Systems

### Main Features

- ▶ DCI Basic Accuracy: 0.1%+0.1%F.S.
- ▶ Support fast / medium / slow three reading rate levels
- ▶ Single module with single slot, applicable to NXI-F1000 chassis or independent use
- ▶ Support 12V DC power supply input, LAN communication for individual control
- ▶ Support Modbus-RTU, SCPI and CANopen protocols

## Technical Data Sheet

<b>Model</b>	NXI-6701-4	
Channels <sup>1</sup>	4	
Reading Rate	Fast: 50 samples/s; Medium: 8 samples/s; Slow: 2 samples/s	
DC Range	-1A~+1A	-10A~+10A
Resolution	0.1mA	1mA
Accuracy (23±5°C)	0.1% + 0.1%F.S.	
Temperature Coefficient	50ppm/°C	
<b>Others</b>		
Test Terminal	Plug-In Terminal, 8pin	
Operating Power	12VDC±10%, <0.5A	
Communication Interface	LAN/CAN	
Temperature	Working temperature: 0°C~40°C; Storage temperature: -20°C~60°C	
Operating Environment	Altitude: <2000m; Relative humidity: 5%~90%RH (no condensation); Operating air pressure: 80~110kPa	
Dimensions	130.5mm(H)*20mm(W)*230.5mm(D)(with puller)	

Note 1: Support channels customisation

Note 2: For more and latest information, please contact NGI.

Note 3: For other specifications, please contact NGI.