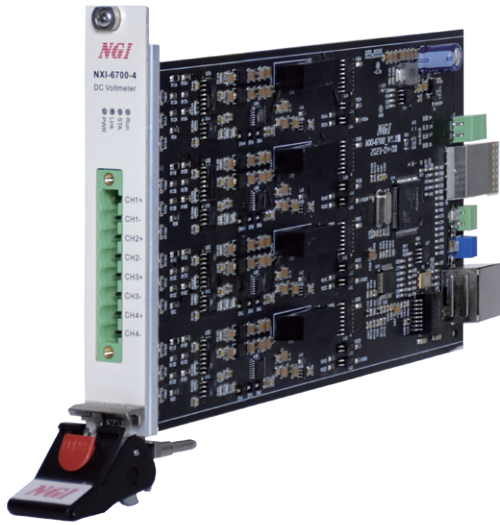


NXI-6700-4 Multi-channel DC Voltage Measurement Module



Product Introduction

NXI-6700-4 is a multi-channel, high-accuracy DC voltage measurement module. Single module supports 4 channel synchronous voltage measurement. NXI-6700-4 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-6700-4 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

- ▶ DCV Basic Accuracy: $0.025\%+0.025\%F.S.$
- ▶ 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

Model	NXI-6700-4		
Channels ¹	4		
Reading Rate	Fast: 50 samples/s; Medium: 8 samples/s; Slow: 2 samples/s		
DC Range	-6V~+6V	-60V~+60V	-600V~+600V
Resolution	0.1mV	1mV	10mV
Accuracy (23±5°C)	0.025% + 0.025%F.S.		
Temperature Coefficient	40ppm/°C		
Others			
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.