

NXI-6200-4/16 Analog Output Module



Product Introduction

NXI-6200-4/16 is a 16-bit 4-channel analog output module. The output specification can be selected from 0~10V, -10V~+10V, 0~20mA, 4~20mA, and the output voltage accuracy is as high as 0.01%+0.01% F.S. NXI-6200-4/16 can be used in NXI modular instrumentation measurement and control chassis, also can be used separately, widely used in the calibration and testing of various acquisition and measurement systems and the simulation of various sensor signals.

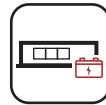
Application Fields



Sensor Signal Simulation



Digital Mining Equipment Testing



BMS Test System



Other ATE Systems

Main Features

- ▶ Analog voltage output specification: 0~10V, -10V~+10V
- ▶ Analog current output specification: 0~20mA, 4~20mA
- ▶ Support 4 channel analog output, each channel isolated
- ▶ Output resolution: 16 bits
- ▶ Voltage accuracy up to 0.01% + 0.01% F.S.
- ▶ Current accuracy: 0.05%+2.5μA
- ▶ Support independent configuration of voltage/current for each channel
- ▶ Single card with single slot, applicable to NXI-F1000 chassis or independent use
- ▶ Combined with the NXI-F1000 chassis, external triggering can be realized
- ▶ Support Modbus-RTU, SCPI protocols
- ▶ Support 12VDC power supply input, LAN communication for individual control

Technical Data Sheet

Model	NXI-6200-4/16	
Voltage	0~10V/-10V~+10V	
Current	0~20mA/4~20mA	
Channels	4	
CV Mode		
Range	0~10V	-10V~+10V
Resolution	100μV	
Accuracy (23±5°C)	0.01%+1mV(>1MΩ load)	0.01%+2mV(>1MΩ load)
Ripple	≤0.2mVrms	
Output load	≤10mA	
Temperature Coefficient	30ppm/°C	
CC Mode		
Range	0~20mA	4~20mA
Resolution	0.1μA	
Accuracy (23±5°C)	0.05%+2.5μA	
Temperature Coefficient	50ppm/°C	
Dynamic Characteristic		
Rise Rate	0.7V/μs	
Set-up Time	100μs (to±0.01%F.S.)	
Others		
Test Terminal	SMA terminal	
Operating Power	12VDC±10%, <2A	
Communication Interface	LAN	
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: For more and latest information, please contact NGI.

Note 2: For other specifications, please contact NGI.