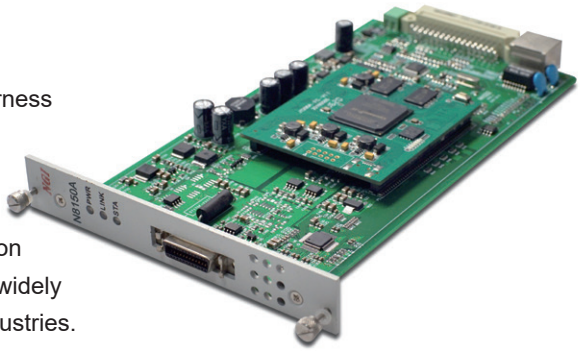
N8150A

Continuity Test Module

Product Introduction

The N8150A series is a continuity test module designed for harness connector reliability testing to evaluate the performance and crimp quality under varying temperature and vibration conditions. N8150A series complies with the latest test standards and is characterized by high-speed and high-precision sampling, with a maximum sampling rate of 10MS/s. It can be widely used in automotive, marine, aerospace and medical device industries.



Application Fields

Automotive Harnesses

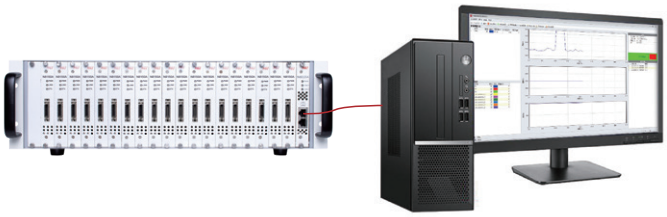
Aerospace Harnesses

Medical Harness

Other Harness Connectors

Main Features

- Comply with QC/T-1067.1-2017, USCAR2-7 test requirements
- High integration, with N8000 chassis up to 19CH
- Measurement Voltage: DC 12V
- Measurement Current: 10mA/100mA/300mA optional
- Accuracy up to 0.5% + 0.5% F.S.
- Time Resolution: 0.1μs
- Single card with single slot, applicable to N8000 chassis use
- Complete the instantaneous break test with high and low temperature chambers, vibration table
- Equipped with special test software; Data storage, waveform analysis supportable
- Flexible channel parameterization; Channels can be expanded in cascade
- Support 12VDC power supply input, LAN communication for individual control



Technical Data Sheet

Model	N8150A		
Voltage	12V		
Current	300mA		
Channels	1		
Continuity Test			
Test Current	10mA	100mA	300mA
Series Resistance	1200Ω	120Ω	40Ω
Measurement Accuracy (25±5°C)	0.5%+0.5%F.S.	1%+1%F.S.	1%+5%F.S.
Maximum Sampling Rate	10MS/s		
Instantaneous Break Time	0.1μs~1ms		
Test Time	1s~99h 59min 59s		
Others			
Test Terminal	MDR Connector, 26pin		
Operating Power	12VDC±10%, ＜1A		
Communication Interface	LAN		
Temperature	Operating temperature: 0℃~40℃;Storage temperature: -20℃~60℃		
Operating Environment	Altitude: ＜2000m, Relative humidity: 5%～90%RH (non-condensing), Atmospheric pressure: 80～110kPa		
Dimensions	99.0mm（H）*20.0mm（W）*191.5mm（D）		

Note 1: For more and latest information, please contact NGI.
Note 2: For other specifications, please contact NGI.