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TECHNOLOGY GROUP

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Find the *Digitimer NL403* at our website: *Click HERE*

NL403
Delay-Width

Introduction

The NL403DELAY-WIDTH module produces complementary TTL output pulses of adjustable duration after an adjustable delay from either positive or negative-going edges of input pulses. Six switched decade ranges of delay and width are available. Within each range, output pulse duration or delay are each continuously adjustable over more than two decades using precision 10-turn potentiometers and turns counting dials. This very wide continuous adjustment is particularly useful in biological stimulation where stimulus-response relations are usually logarithmic or exponential.

Specifications

Input : TTL pulses
Output fan-out : 10 TTL inputs
Output delay range : <1 microseconds to 10 seconds
Output width range : <1 microseconds to 10 seconds
Output accuracy : ±3% on lower 4 ranges ±10% on upper 2 ranges

Products

Digitimer Products
- Stimulators
- Amplifiers
- NeuroLog
- Programmers
- Software

International Distributors

Contract Manufacturing

Represented Companies

AutoMate
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Modules

Amplifiers
- NL100AK Headstage
- NL102G DC Pre Amplifier
- NL104 AC Amplifier
- NL106 AC/DC Amplifier
- NL107 Transducer Amplifier
- NL108 Pressure Amplifier
- NL120 Audio Amplifier
- NL820A Isolator
- NL822/4 2/4-channel Pre Amplifier
- NL850 Isolated pre Amplifier

Filters
- Nl118 Octal Band-Pass Filter Amplifier
- NL125/6 Filters
- NL135/6 4-channel Low Pass
- NL530 4-channel Conditioner

Stimulators
- NL510 Pulse Buffer
- NL800 Stimulus Isolator

Digital
- NL401 Digital Width
- NL403 Delay-Width
- NL501 Logic Gate
- NL505 Flip-Flop
- NL520 Converter
- NL603 Counter
- NL606 Latched Counter
- NL730 Pulse Shift

Generators
- NL301 Pulse Generator
- NL304 Period Generator
- NL310 Ramp Generator

Analogue
- NL202 AC Single Delay
- NL253/6 Ratemeter
- NL410 Calibrator
- NL506 Analogue Switch
- NL700 Log Display
- NL701 Lin Display
- NL702 Ratemeter
- NL703 EMG Integrator
- NL705 RMS Integrator
- NL741 Analogue Delay

Analogue/Digital Interface
- NL201 Spike Trigger
- NL515 Interface
- NL601 Pulse Integrator

Computational
- NL750 Averager
- NL751 Remote
- NL752 Pulse Interval Histogram
- NL753 Arefact Rejection
- NL755 Serial Interface

Pressure Transducers
- NL108T1 Isolated

Accessories

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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