

NC-1 Driver

Stand-alone, single channel gun driver providing maximum versatility.

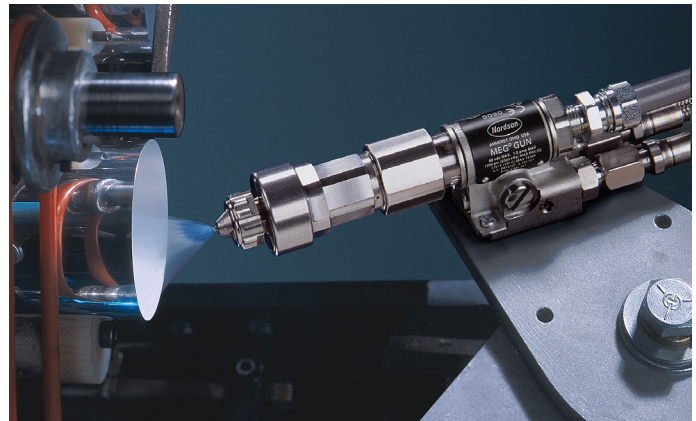


The NC-1 Driver is a stand-alone gun driver ideal for either two- or three-piece spray applications using Nordson MEG-type spray guns.

This configurable driver receives a spray duration signal from a separate timer. Sink or source inputs and type of gun being driven are easily selected and configured using simple jumper connections. This provides flexibility of use with different guns and timers and provides maximum compatibility with existing equipment. Dialing and tuning the output signal with a potentiometer is not needed. Electronic monitoring by the NC-1 alerts the operator of gun open or short circuit errors during operation.

The NC-1 Driver requires minimal installation time. It is network configurable and CE compliant.

- **Stand-alone, single channel gun driver** that can be used with PLC and other timers
- **Provides accurate and repeatable timing control to 1 millisecond duration with +/- 0.05 millisecond accuracy**
- **Compatible with Nordson MEG-type spray guns**
- **Uses configurable trigger inputs – either sink or source – providing flexibility of use with different timers**



NC-1 Driver

Specifications

Power Requirements	24 Vdc +4/-2 @ 2.5 plus external loads
Pulse Driver Output (for spray gun)	Maximum Current: 4 Amps Maximum Voltage: 48 Vdc
Fixed Voltage Output (for CleanSpray gun)	Maximum Current: 1.5 Amps Maximum Voltage: 24 Vdc
Inputs (jumper configurable for sinking or sourcing)	Lacquer spray trigger input Alarm re-set input
Physical	Height: 10.375 in (274 mm) Width: 2.0 in (51 mm) Depth: 8.2 in (208 mm) Weight: 3.0 lbs (1.36 kg)
Environmental Operating Conditions	Max. Ambient Temperature: 104 °F (40 °C)
Driver/Gun Response Time	Turn-on time: 1.2 milliseconds Turn-off time: 1.8 milliseconds
Enclosure	8.6 in. (D) x 5.8 in (W) x 2.5 in (H) [[218 mm (D) x 147 mm (W) x 62.8 mm (H)]

© 2017 Nordson Corporation | All Rights Reserved | CNL-17-5643 | Revised 11/17

Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

Nordson Industrial Coating Systems

100 Nordson Drive
Amherst, OH, 44001
USA

Phone: +1.440.985.4000
www.nordson.com/ics

 /Nordson_Coating  /NordsonICS

 /company/nordson-industrial-coating-systems

Find your local Nordson office:
www.nordson.com/icslocations

Performance by design

