

NC-1 Driver

Single channel gun driver provides Nordson-designed electronic power compatible with Nordson spray guns for maximum performance and versatility.

Features and Benefits

- Versatile driver can be used with a variety of spray guns, including MEG, Nordson A20A/A10A or other 24VDC powered guns
- Stand-alone driver can be used with PLC and other timers
- Uses configurable trigger inputs – either sink or source – providing flexibility of use with different timers.
- Easily upgradeable to iTrax® System to include timer function and iTrax HMI
- Includes independent channel to drive CleanSpray guns
- No potentiometers to adjust the output signal.

The NC-1 Driver from Nordson is a stand-alone gun driver that can be used with a variety of Nordson spray guns, including MEG® series guns, A20A/A10A guns and 24 VDC solenoid coils. The NC-1 driver can also be used in conjunction with the Nordson CleanSpray® XT gun through an additional independent driver channel.

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. 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 is requires minimal installation time, and easily replaces existing MEG drivers. It is network configurable and CE compliant.



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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 CleanSpray 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)

Container Systems' Best Practices Pledge

At Nordson, our technology, equipment and expertise work together to offer the best solutions to our customers for their applications. This may result in better quality, improved manufacturing efficiency, less downtime, reduced coating material consumption, faster line speeds, or combinations of these and other factors that enable manufacturers to produce a better product at a lower cost. We work with our customers to improve their spray and manufacturing processes overall. It is with this continuous focus on Best Practices, that we partner with customers to find successful solutions for improved quality and productivity.

Nordson Package of Values®

Our exclusive Package of Values backs every Nordson product and system in every region and locale. The Nordson Package of Values includes: production testing, system engineering, installation assistance, customer service and operator training. The combination of these features provides added value that is unmatched in the container manufacturing industry.

For more information, speak with your Nordson representative or contact your Nordson regional office.

United States

Amherst, Ohio USA
+1.440.985.4000 **Phone**
+1.440.985.5110 **Fax**

South and Central America

+52.55.5301.1032 **Phone**
+52.55.5300.3004 **Fax**

Europe

Erkrath, Germany
+49.211.9205.534 **Phone**
+49.211.254658 **Fax**

Japan

Tokyo, Japan
+81.3.5762.2700 **Phone**
+81.3.5762.2701 **Fax**

Asia

Singapore
+65.6796.9500 **Phone**
+65.6896.9631 **Fax**

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