

# Liquidyn V200 Controller

Easy-to-use interface for precise Liquidyn P-Jet and Liquidyn P-Dot Series valve control



The Liquidyn V200 controller allows operators to quickly find the best settings for optimal dispensing results.



Programming is easy, and the default display provides actual pressure and temperature readings.

The Liquidyn® V200 controller provides an easy-to-use interface for controlling the Liquidyn P-Jet and Liquidyn P-Dot Series high performance micro-dispensing valves, allowing operators to quickly determine the best baseline settings for optimal dispensing results. Controls for peripheral devices, such as air pressure regulators and a heater, are already integrated.

All programming functions are accessed through the intuitive push-button control panel, and fluid and operating pressure adjustments can be made at the controller using the dedicated adjustment knobs. Actual pressure and temperature readings are displayed on the control panel.

The Liquidyn V200 Controller also accepts inputs for remote control and outputs for monitoring. Single or continuous deposits can be initiated remotely, as well as dispense cycle start and stop. The controller ready status and the status of the temperature control (temperature setpoint achieved or not achieved) can also be determined remotely.

Because of its easy-to-use controls and multi-functional capabilities, the Liquidyn V200 controller is ideal for use in trials and process development in laboratories or at manual work stations.

## Features

- Programmable dispensing parameters - up to four programs
- Continuous shot operation up to 100Hz (P-Jet SolderPlus), 150Hz (P-Dot) and 280Hz (P-Jet)
- Continuous display of actual pressure and temperature readings
- Setpoint Counter sets the number of shots and shows the actual number of shots deposited
- PID heater control with digital display
- Two precision pressure regulators with digital display
- External trigger input via potential-free operation
- Digital display in English and German

## Benefits

- High repeatability and high accuracy provide very consistent dispensing results for higher productivity.
- All programming functions and air pressure adjustments easily accessed on the front of the controller.
- Remote operation and monitoring functions facilitate integration with existing systems or programmable logic controllers (PLCs).

P/N	Description
7825168	Liquidyn V200 controller



more info

## Specifications

Item	Specification
Cabinet size	45.0w x 12.5h x 25.0d cm (17.72w x 4.92h x 9.84d")
Weight	5.5 kg (12.1 lb)
Cycle rate	Up to 280Hz
Time range	2–9,999 ms
Electrical power input	24 VDC, 2.5 Amp minimum
Electrical input connector	Lumberg KFV70
External power adapter	AC/DC power supply and power cord: 100–240 VAC, 50/60Hz, 1.4 Amp input; 24 VDC, 2.5 Amp, 60 W maximum output
Feedback circuit	0 VDC (logical low) 24 VDC (logical high)
Input air pressure	6.2–10.3 bar (90–150 psi)
Temperature control	0–90° C (32–194° F)
Approvals	CE, TUV, RoHS, WEEE, China RoHS
Warranty	1 year, limited

The Liquidyn V200 controller is a low-voltage device, with a power requirement of just 24 VDC. The controller meets the IP40 product classification for safe, extra-low voltage operation.

## Flexible Mounting Options

The Liquidyn V200 controller can be used as a standalone unit or easily integrated into existing equipment.

## Select Your Valve

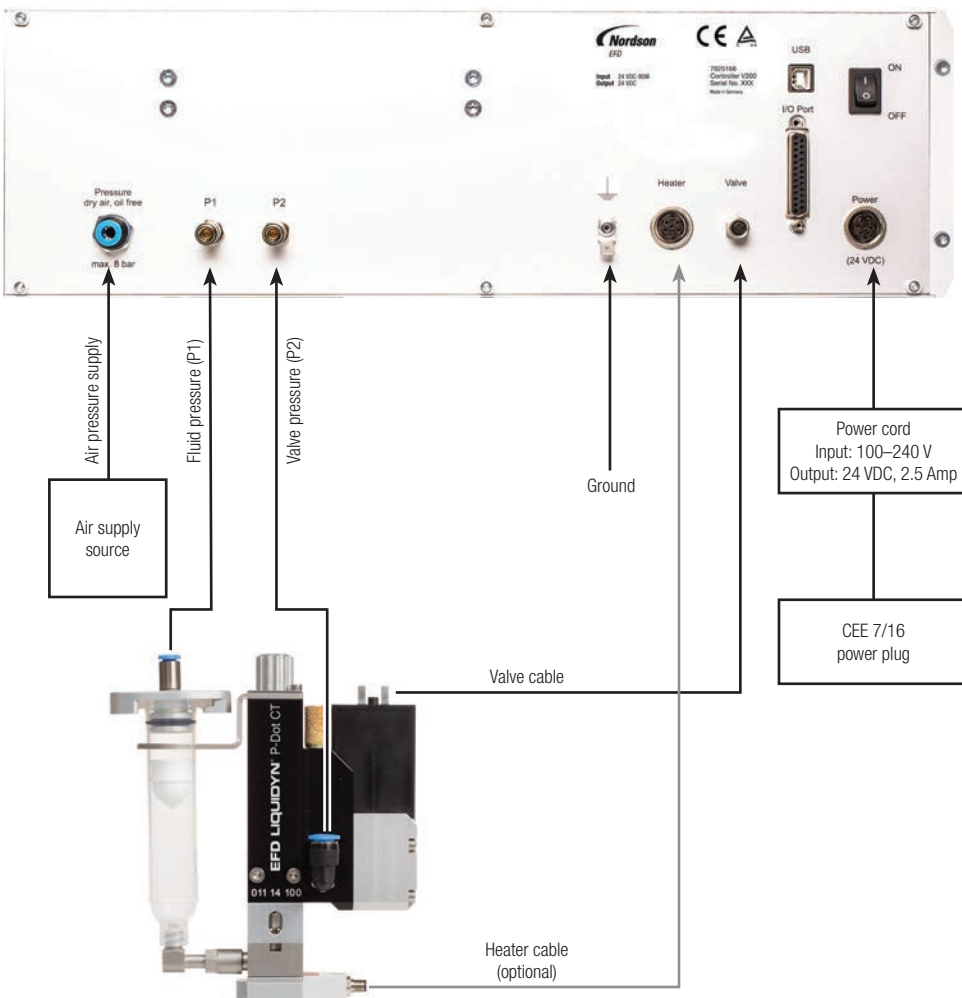
See the Valve Selection Guide for the valves compatible with this controller —

[www.nordsonefd.com/ValveGuide](http://www.nordsonefd.com/ValveGuide)

## Request a Process Evaluation

Contact Nordson EFD to configure a complete non-contact dispensing system that meets your specific needs, with:

- A detailed process evaluation by experienced fluid dispensing experts at one of our full-service Global Application Labs.
- Samples processed for customer evaluation and approval prior to purchase.



System setup for operation of the Liquidyn valves is quick and easy.



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to [www.nordsonefd.com](http://www.nordsonefd.com).

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