

PICO Nexµs Controller

Big Network Connectivity in a Small, 24V, DIN-Rail Mounted Configuration



Small form factor makes it easy to mount multiple controllers on a DIN rail.



Use the intuitive web interface to set up, program, and monitor your jet valve either on site or remotely.

Part #	Description
7366000	PICO Nexµs controller
7366525	PICO Pµlse XP jet valve
7366526	PICO Pµlse XP contact valve



more info

The PICO® Nexµs™ controller is a compact, Smart Factory / Industry 4.0 ready solution engineered to control and monitor the fluid jetting functions of your PICO Pµlse® XP jet valves. Using standard 24V, DIN-rail mounted plug-and-play technology, the PICO Nexµs saves valuable production space — especially when multiple valves are required — because it mounts inside your existing machine cabinet.

The controller uses standard Industrial Ethernet protocols to communicate with your programmable logic controller (PLC) or other plant controllers, improving programming efficiency. It is engineered to connect, control, and monitor our PICO Pµlse XP jetting valve through a human machine interface at the point of dispense.

In addition, the PICO Nexµs controller's intuitive web-based interface allows you to program and monitor fluid dispensing functions remotely from a personal computer, saving engineers from walking back and forth to production thus improving productivity.

Features

- PROFINET® (Process Field Network), EtherNet/IP™, NX protocol via TCP/IP
- Intuitive web interface for easy set up, programming, and monitoring of your jet valve
- DIN rail construction fits in existing machine cabinet
- 24V plug-and-play compatibility

Benefits

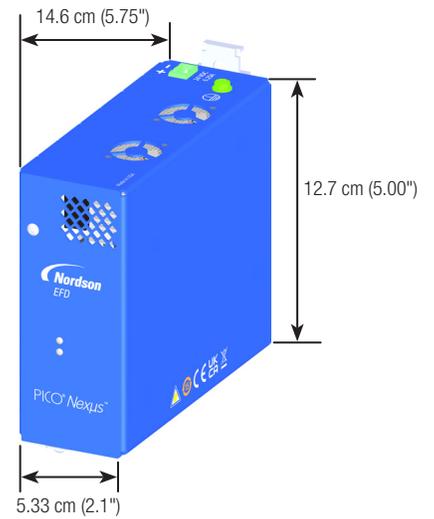
- Supports plug-and-play Smart Factory integration with robust network connectivity, control, digitization, and augmentation
- Control multiple jetting systems through an HMI at the point of dispense
- Offers real time manufacturing information, enabling a data-driven production process
- Easily programmed system can be quickly integrated into your manufacturing process



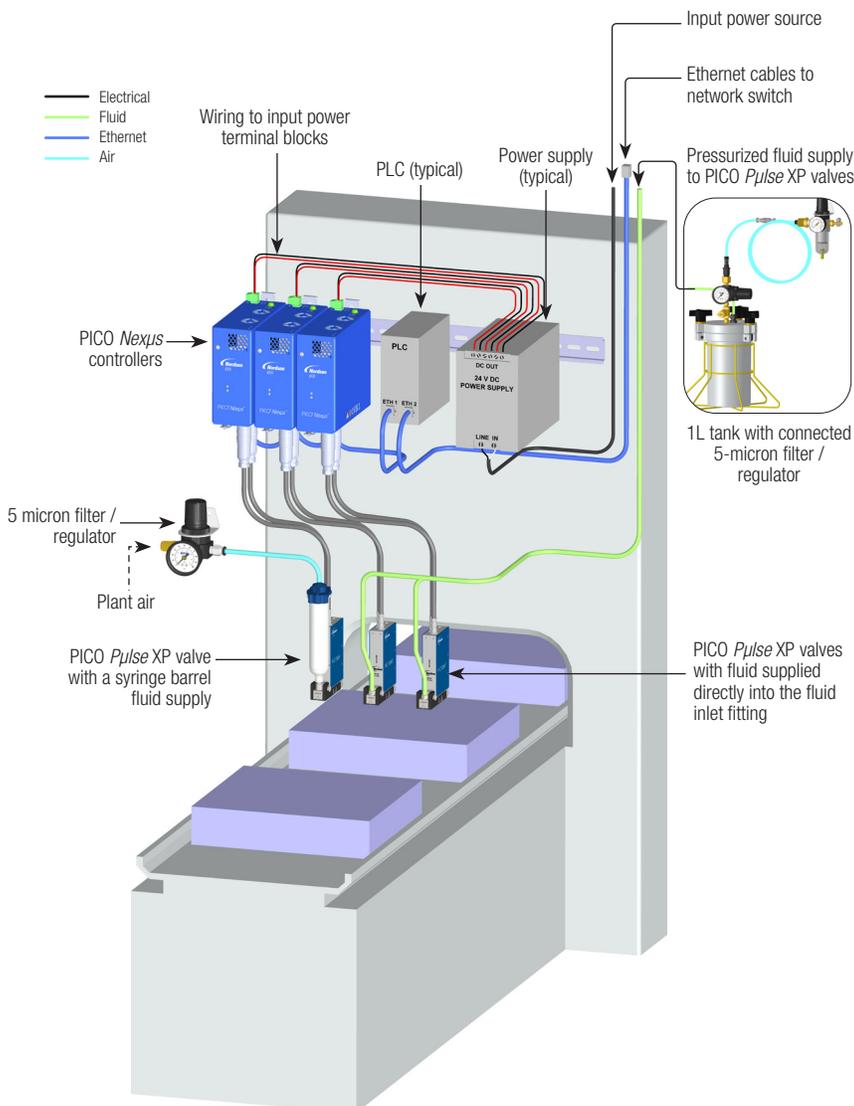
Specifications

Item	Product
Cabinet size	5.33w × 12.7H × 14.6d cm (2.1w × 5.00h × 5.75d")
Weight	985 g (2.2 lb)
Time range	100 μs to 9.9999 s (depending on the Open Time of the selected wave profile)*
Input DC	24 VDC (±2%), 6.25 A maximum
Feedback circuits	Electronic switch, 24 VDC, 100 mA maximum
Cycle initiate	24 VDC signal
Valve cable minimum bend radius	44.45 mm (1.75")
Ambient operating conditions	Temperature*: 5–45° C (41–113° F) Humidity: 85% RH at 30° C, 40% at 45° C non-condensing Height above sea level: 2,000 meters max (6,562 feet)
Communication	NX protocol, EtherNet/IP, PROFINET, RS-232
Approvals	CE, UKCA, ETL, RoHS, China RoHS, WEEE
Warranty	1 year, limited

*Each PICO system is tested to meet specifications prior to leaving the manufacturing facility. There are no procedures to calibrate the system externally. The dispense timing is accurate and tested before leaving the manufacturing facility. The indication accuracy of the temperature system is ±1° C.



Industrial Ethernet System



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

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