

Neles® NDX valve controller
Performance perfected





Neles® NDX valve controller

Savings. Safety. Reliability.

Technology and design exists to make life easier and more efficient. The Neles NDX valve controller has been designed with a strong focus on the user experience. It provides a solution for all valve brands in a wide range of applications, regardless of customer or industry. The product delivers all the robustness and reliability you'd expect from a valve controller by Metso. At the same time, it is extremely easy to install and use.

The Neles NDX offers unparalleled control accuracy, which reduces process variability. This translates into direct improvements in the profitability of your process. Accurate control will help you ensure production quality and minimize the amount of production losses. It will also help you optimize the

consumption of raw materials, chemicals and energy. More than 50 years of experience and a million delivered devices build the basis for the safety and reliability of these rugged and intelligent valve controllers. They are built to perform in even the most demanding operational process conditions.

Excellent process performance and safety

Reliability

- Simple installation to eliminate human error
- High reliability with proven technology and extensive testing
- Elimination of external mounting linkages

Operational savings

- Elimination of additional instrumentation
- Cost savings with stock management
- Supply air savings
- Efficiency and cost reductions in valve maintenance

Ease

- Intuitive, easy and fast installation
- Easy commissioning with touch screen or remotely
- Easy product selection
- Easy diagnostics with recommended actions

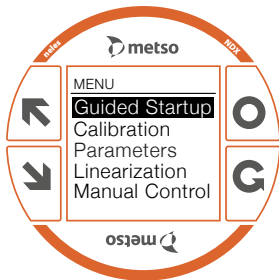


Robust for all conditions

Fast and easy installation



Easy operation through touch screen



Process performance in full view

Efficient diagnostics

The diagnostics of the Neles NDX will keep you up to date on control valve performance, enabling the plant to improve process efficiency. The easy to use **Performance view** simply summarizes the condition and performance of the control valve. Information about valve usage history is also readily available.

The unique NDX **Online valve signature** can determine and predict the need for maintenance in control valves. The NDX tracks each movement the control valve performs under real process conditions. An up-to-date control valve friction graph is available whenever you need to plan maintenance actions.

The NDX offers online remote control valve monitoring as well as a comprehensive set of offline tests for condition evaluation.

Savings through easy installation and use

Considerable savings in installation and commissioning times translate directly into monetary savings. The NDX has been designed for extremely easy installation for a wide range of valves, regardless of size or type.

The NDX provides market-leading pneumatic capacity, which is equally suited for small and large valves alike without compromising control performance. This enables efficient stocking and easy model selection while eliminating the need for external pneumatic instruments in the final assembly.

Easy installation also eliminates mistakes in commissioning and improves your safety.



You will be able to identify which valves actually need maintenance or replacement. This allows for efficient maintenance with the needed equipment, material and labor resources available and present.



Reliable partner

We at Metso are dedicated to making the big difference to our customers. Our expert solutions, just like the Neles NDX, are based on giving our customers the freedom of choice. That's why the Neles NDX is designed for compatibility with virtually all valves and any DCS control system. You can have all the NDX benefits with no additional investments required.

The Neles NDX, just like our entire valves offering for that matter, is supported by our knowledgeable people providing expert valve services wherever you are. Metso has more than 40 service centers serving flow control customers across the globe.



Metso Flow Control Inc.

Vanha Porvoontie 229, P.O.Box 304 FI-01301 Vantaa Finland, tel. +358 20 483 150, fax +358 20 483 151, www.metso.com/ndx