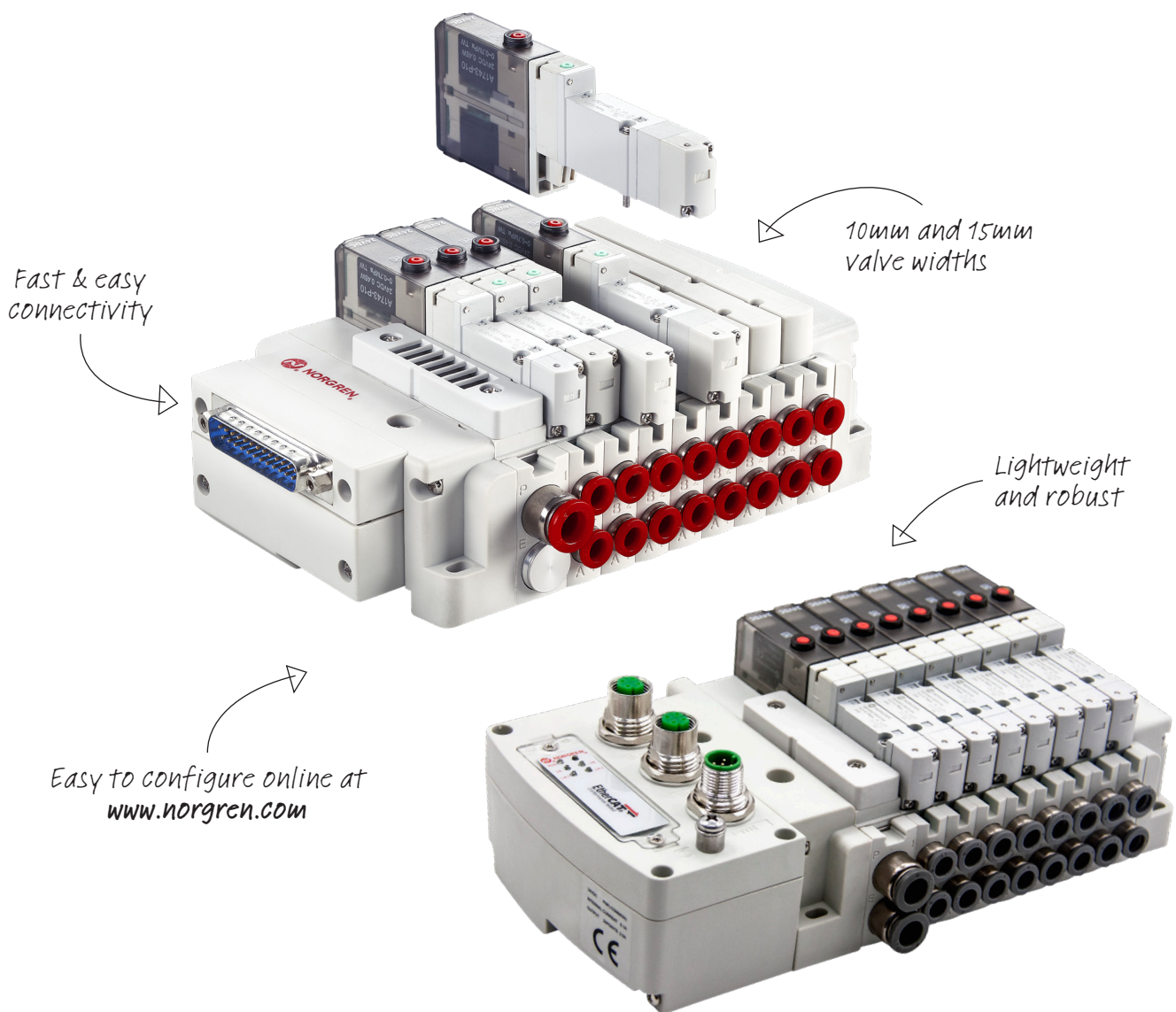


VR Series Valve Manifolds

Flexible and Modular for all Industrial Automation Applications



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Breakthrough Engineering for a Better World

Norgren is part of global engineering organization IMI plc. IMI is at the forefront of delivering the solutions we need in a changing world and is focused on **creating tremendous value by solving key industry problems** in attractive markets and employing the best.

Norgren has a proud history of creating innovative engineering solutions in precise motion control and fluid technology, and we collaborate with our customers across more than 50 countries in critical areas such as Factory Automation, Material Handling, Rail, Energy, Process Control, Life Science, and Commercial Vehicles.

From improving speed, productivity, reliability and efficiency of equipment, to generating significant energy and cost savings, or lowering total cost of ownership across many industries, Norgren's high-quality solutions are designed to help customers pursue progress, achieve new goals and overcome problems.

With market-leading industry expertise, we offer the capability, resources, engineering intelligence, and global support infrastructure to tackle the largest project demands.

Our world-class portfolio of fluid and motion control products include Norgren, Buschjost, FAS, Herion, Kloehn, Maxseal and Thompson Valves. Supplied either individually or combined into powerful customized solutions to meet customer needs.

Breakthrough engineering you can count on.

**Breakthrough
Engineering For
a Better World.**





VR Series Valve Manifolds

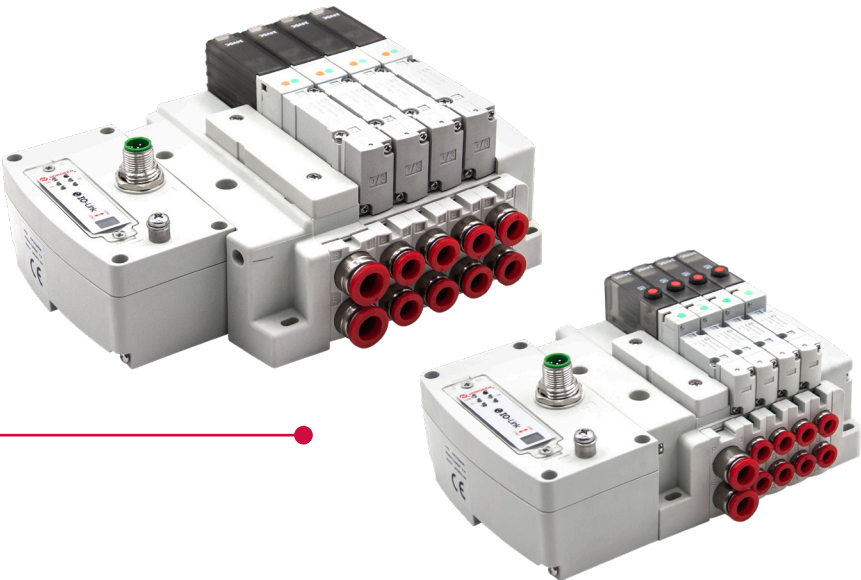
Flexibility and modularity have reached new levels with the **Norgren VR Valve Manifold** range. A simple plug-in, sub-base style design allows for valves to be easily exchanged for easy installation and maintenance. Expanding the size and functionality of your valve manifold to match the changing demands of your application is a simple “plug-and-play” experience.

Available in two body sizes – 10mm and 15mm, the VR10/15 series can be used across a broad range of Industrial Automation markets, from food & beverage, packaging, labeling, textiles, glass production, metal production to paper and print.

Product Highlights:

- » **Modular** – A modular system offering a wide range of configured options
- » **Flexible** – Available in 10mm and 15mm with up to 24 solenoids with a wide range of valve functions
- » **Reliable** – Using proven technology for long life over 30 million cycles
- » **Connected** – Fast and easy connectivity via Multipole, EtherNet/IP, PROFINET, EtherCAT and IO-Link
- » **Easy Installation** – No restrictions when installing as connectors can be horizontal or vertical. Valve manifold can be direct mounted or mounted on a DIN rail.
- » **Maintenance Friendly** – Simple plug-in sub base allows for easy exchange of system components and has an interruption-free valve replacement option; and integrated silencers offer simple replacement
- » **Energy Saving** – Low power solenoids (0.4w power consumption) with LED indicators
- » **Space Saving** – If space is an issue, the IP40 base is available with valve slices
- » **Easy to Configure** – Best in class online configurator

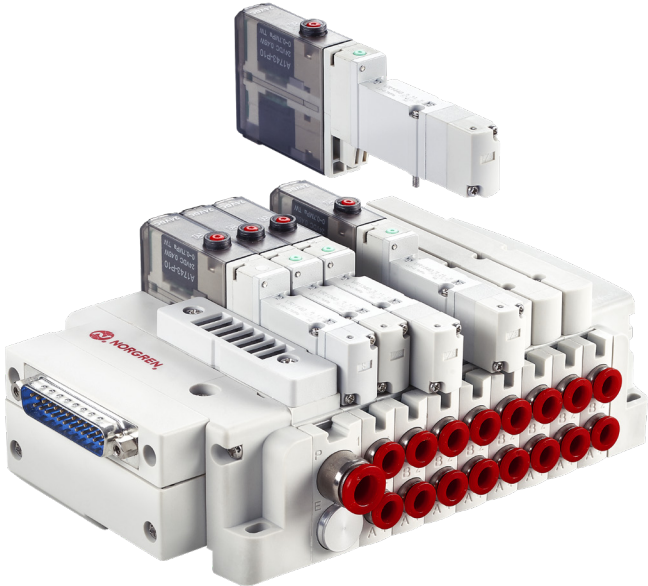
10 mm and 15 mm widths with up to 24 solenoids



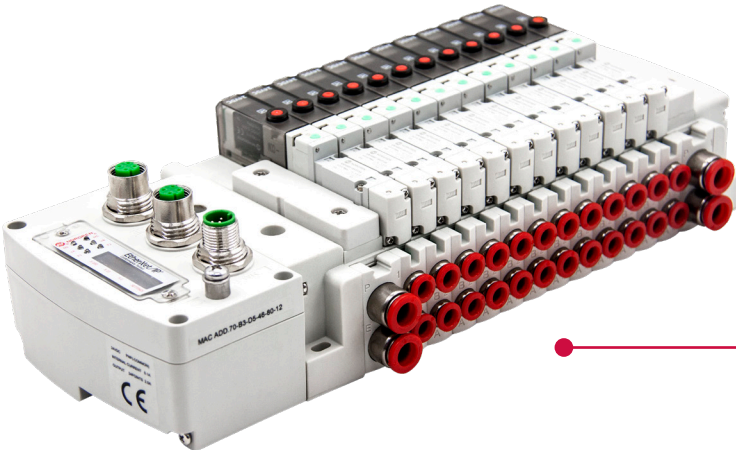
Modular System



Interruption-free valve replacement



Multipole, Industrial Ethernet and IO-Link connectivity

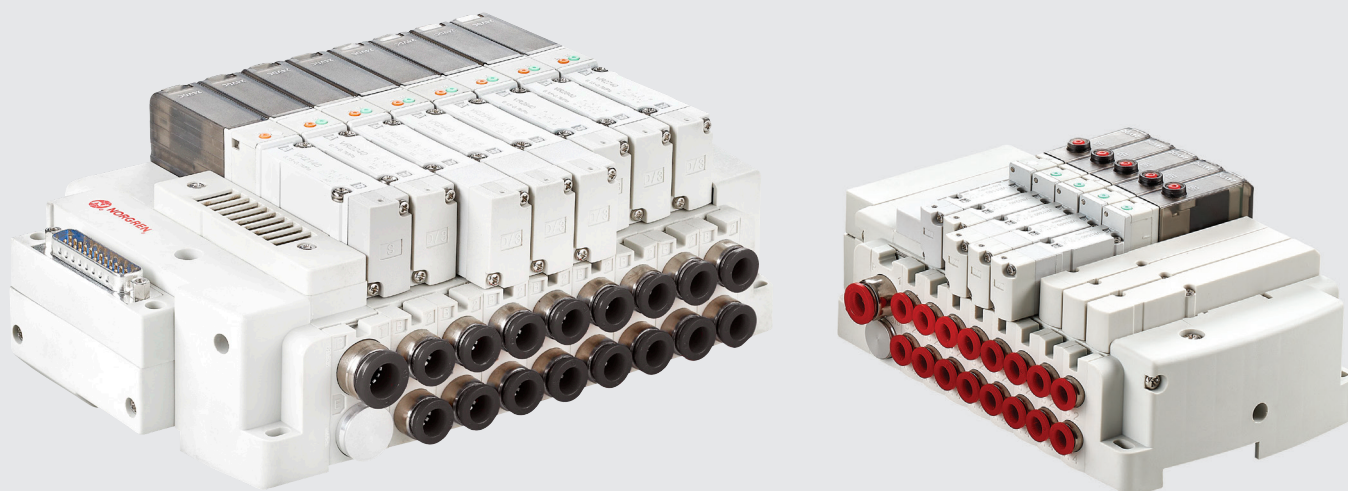


Technical Specifications

VR Series, 2 x 3/2, 5/2 or 5/3 Valve Manifold

- » Two sizes, 10 mm and 15 mm widths
- » Flow: 220 to 270 l/min (VR10), 460 to 590 l/min (VR15)
- » Operating pressure: Maximum pressure 101 psi (7 bar)
- » Operating temperature: +23°F to 122°F (-5°C to +50°C)
- » Up to 24 solenoids
- » 24V DC & 12V DC Multipole, EtherNet/IP, PROFINET, EtherCAT and IO-Link
- » Dynamic softseal spool valve, solenoid pilot operated
- » LED indicator of solenoid function
- » No restriction on installation orientation
- » Easy to replace valves, fittings, and silencers
- » Robust yet lightweight construction
- » IP40 and IP65 versions available





Valve Manifold Configurator

- » Intuitive, flexible, and easy-to-use
- » Flexible step-by-step process that is easy to navigate for any user regardless of experience
- » Enables quick specification of the valve manifold to meet your exact requirements
- » Provides price, availability, and order now options
- » Unique part number assigned to your manifold
- » Live visualization of your configuration and downloadable 2D and 3D CAD files
- » Download your configuration in your native CAD format. We support 60+ native CAD formats including AutoCAD, SolidWorks, Pro/Engineer, NX and Catia
- » Easy to access and download all technical documentation and available in multiple languages
- » Save your configurations for a later date and view your history anytime
- » Online and telephone support available



**Scan to configure your
VR Series Valve Manifold
for your application!**



Norgren operates four global centres of technical excellence and a sales and service network in 50 countries, as well as manufacturing capability in Brazil, China, Czech Republic, Germany, India, Mexico UK and the USA.

For information on all Norgren companies visit

www.norgren.com

Supported by distributors worldwide.

For further information, scan this QR code or visit
www.norgren.com



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Due to our policy of continuous development, Norgren reserve the right to change specifications without prior notice.

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