Bertelkamp Automation, Inc.
INDUSTRIAL AUTOMATION SPECIALISTS

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MR-J5 Multi-Network Servo Drive

With EtherNet/IP Compatibility

MITSUBISHI ELECTRIC

The MELSERVO-J5 Multi-Network Servo Amplifier is designed to support multiple networks, including EtherNet/IP and EtherCAT. This multi-network capability allows users to seamlessly switch between EtherCAT and EtherNet/IP without needing to different hardware, reducing complexity and inventory requirements.



With the addition of EtherNet/IP, Rockwell users can now experience the exceptional performance of the MR-J5 portfolio without needing extra external gateway modules or conversion hardware.

Available in single-axis and multi-axis configurations the MR-J5 also offers integrated CIP Safety support for functional safety over the network.

Learn More About MR-J5 Servo Drives

Festo VTUX Valve Terminal Platform

Convertible valve manifold for maximum flexibility in machine design

FESTO

The Festo VTUX valve terminal platform is a modular, lightweight pneumatic and I/O system designed to streamline industrial automation. It features a convertible valve manifold for maximum flexibility in machine design.



The Festo VTUX valve terminal uses a single 10mm valve size but scales its flow performance using different sub-base grid widths, including a 14mm grid layout.

This grid width adaptability with **configurable sub-bases allow you to mix and match performance demands** (e.g., 12.5mm and 14mm grids) while utilizing the exact same replacement valves. When mounted onto a 14mm wide manifold sub-base grid, the 10mm VTUX valve delivers a high flow rate of up to 630 l/min.

Learn More About VTUX Valve Terminal Platform

Telit deviceWISE® IIoT Integration Platform

Easily collect information for overall equipment effectiveness

Telit

Telit deviceWISE is an industrial IoT integration and enablement platform, you plug it in, allow it to automatically connect your devices and applications, and start quickly configuring with drag-and-drop logic. The Telit Smart IO Gateway allows you to collect any information from all your existing assets such as CNCs, PLCs, robots, sensors, DCSs, etc.

deviceWISE® can calculate overall equipment effectiveness (OEE), enabling you to collect and visualize machine data for better business decisions and optimized

performance and quality.



Learn More About deviceWISE®

Smart Vacuum Pump GSP

Electrical vacuum generator provides power without compressed air



The GSP high-performance 24 V DC pumps (suction rate 50–150 l/min) with automatic leak detection work anywhere – **in stationary systems as well as in autonomous mobile robots (AMRs) and automated guided vehicles (AGVs),** with both airtight and porous workpieces.

This plug and play pump is a ready-to-connect solution for fast setup and intuitive operation via NFC, IO-Link and LCD display. When combined with the electric compact valve LQE, Schmalz creates a perfectly coordinated system. It enables exceptionally fast grip and release times, up to 99 % less energy consumption during release compared to active blow-off with compressed air, and significantly less noise.

Learn More About GSP Vacuum Pumps

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