Brad® Connectivity, Communications and Control Components
“Empower the Industrial Infrastructure”

Our entire family of Brad automation fieldbus solutions are designed to ramp up the power, efficiency and reliability of industrial networking platforms such as Ethernet, Profibus®, DeviceNet™, AS-Interface, and more.

Business Challenge: Harmonious Operation of Fieldbus Components. Outfitting the plant floor automation network with the right hardware and software to ensure fast, open communications and reliable connectivity can be a challenge for manufacturers and processors. Demanding industrial environments across a host of industries demand rugged hardware components and flexible software solutions. The challenge is to integrate all of these elements seamlessly into the overall networking platform and communicate quickly and accurately with other critical components.

The negative impact of a poorly coordinated plant floor network can be devastating on many levels, resulting in higher operating costs and reduced profitability. For example, inaccurate data collection or lack of timely monitoring can wreak havoc with a company’s product quality and process synchronization. Unreliable hardware components can result in intermittent disruption of processes, unplanned downtime, and possibly network failure. In fact, any disruption of automated plant floor processes carries a high price tag in terms of overall productivity, quality, customer service, asset management, and worker morale.

Solution: Brad connectivity, communications, control and power products from Molex. Molex is a world leader in the design and manufacture of industrial networking communications, connectivity and control components for the global automation market. Having developed long-term partnerships with platform industry leaders, we can offer a broad and comprehensive product line designed specifically for your automation solutions than any other supplier.

Our Brad automation products and solutions include globally recognized product lines such as: Mini-Change®, Micro-Change® and Nano-Change®. The following is a summary of our Brad automation products for specific industrial networking platforms:

1. AS-Interface (Gateways, I/O Modules, PLC Modules)
2. CANopen® (Connectors and Cordsets, Network Interface Cards, Protocol/Software)
3. ControlNet™ (Network Interface Cards)
4. Data Highway Plus™ (Network Interface Cards)
5. ODVA DeviceNet™ (Active I/O Modules, Connectors and Cordsets, Diagnostic Tools, Network Interface Cards, Passive Distribution Boxes, PLC Modules, Protocol/Software)
7. InterBus® (PLC Modules)
8. ModBus®/ModBus Plus® (Network Interface Cards, Protocol/Software)
9. Profibus® (Active I/O Modules, Connectors and Cordsets, Diagnostics, Network Interface Cards, PLC Modules, Protocol/Software)
10. Remote IO (Network Interface Cards, PLC Modules)
11. Serial Solutions (Gateways, Network Interface Cards, Protocol/Software)
12. WorldFIP Solutions (Network Interface Cards, Protocol/Software)

Benefits and ROI: To operate harmoniously and with utmost reliability, today’s high-speed industrial networking systems require fast, accurate, real-time information, as well as ease of implementation and use. Brad automation products are robust, modular, scalable, quick to implement and user friendly. With our solutions, you can be confident that the communications and control devices you deploy will communicate and interoperate seamlessly through your industrial networking platform – which will support the effectiveness and long-term reliability of critical plant floor information systems.

To learn more about Brad automation products and solutions, call your Molex representative today or call 1-800-225-7724 or visit www.molex.com or www.woodhead.com