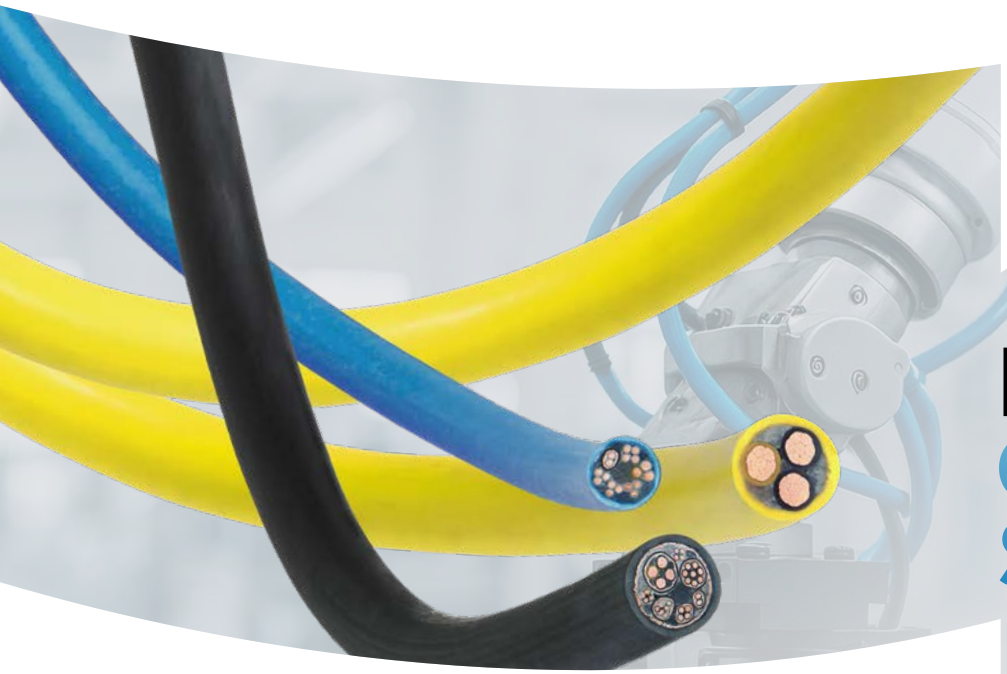
BizLink Where Possibilities Connect™

robotics.bizlinktech.com



BizLink Cable Solutions

From Motion-Optimized Cables to Integrated Assemblies – Engineered Beyond Standards

BizLink cable solutions are designed for demanding robotic and automation environments. The portfolio combines motion-optimized bulk cables with fully customized cable assemblies to ensure reliable power, signal, and data transmission in dynamic industrial applications.

CUSTOMER CHALLENGES IN DYNAMIC AUTOMATION 〉

Automation systems place high demands on cables and connectivity

- Continuous bending, torsion, and multi-axis robotic motion cause premature cable failures
- Signal instability and EMC interference disrupt communication and control
- Harsh environments such as oils, chemicals, heat, and welding spatter reduce cable lifetime
- Limited installation space in robots and machines complicates cable routing

PRODUCT PORTFOLIO 〉 MOTION-OPTIMIZED BULK CABLES



Single-Core Cables

Reliable power and signal transmission for dynamic robotic environments.



Servo Motor Cables

Integrated power and feedback cables for stable servo drive performance.



Control Cables

Signal cables designed for reliable communication in automation systems.



Data & Bus Cables

High-flex cables ensuring stable high-speed communication



Combined Cables

Multi-function cables that simplify routing and reduce failure points.



Hybrid Cables

Compact cables combining power and data for space-restricted applications.

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FULLY CUSTOMIZED CABLE ASSEMBLIES 〉

Pre-assembled cable solutions tailored to specific automation systems

- Fully customized assemblies including power, signal, and hybrid cables
- Connector-independent designs adapted to application requirements
- Available from batch size 1 with fast turnaround
- 100 % tested for electrical and mechanical reliability



ENGINEERED FOR RELIABLE PERFORMANCE 〉

BizLink cable solutions support reliable operation in dynamic automation environments:

- Designed for continuous bending, torsion, and robotic motion
- Durable PUR and TPE materials supporting long service life
- EMC-optimized shielding for stable signal transmission
- Resistance to oils, chemicals, heat, abrasion, and moisture
- Validated through mechanical and electrical testing

TYPICAL APPLICATIONS 〉

BizLink cable solutions are used across a wide range of automation industries.

INDUSTRIES

- Automotive OEMs and Tier-1 suppliers
- System integrators and machine builders
- Robot OEMs and tooling manufacturers
- Packaging and general manufacturing
- Food & beverage, electronics, and semiconductor industries

APPLICATIONS

- Robotic welding, body-in-white, and assembly cells
- Multi-axis robotic motion and drag chain systems
- Servo motor, control, and data connections on moving axes
- End-of-arm tooling and robotic peripherals
- High-speed packaging and automation systems

Why BizLink Cable Solutions

- Longer service life in dynamic motion environments
- Reduced downtime and maintenance
- Stable machine and process performance
- Simplified installation and commissioning
- Lower total cost of ownership



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