



**AUTOMATION
& FACTORY
SOLUTIONS**

WIRE & CABLE

FOR **INDUSTRIAL AUTOMATION** APPLICATIONS

Complete Wire & Cable Solutions for Industrial Automation

Power distribution, control wiring, panel building, industrial networking, I/O connectivity, and harsh environment installations for factory automation



APPLICATIONS

- Factory Automation Wiring
- Robotics & Motion Control
- Control Panels & Cabinets
- Power Distribution Systems
- Conveyors & Material Handling
- Sensors & Instrumentation
- Networking & Data Transmission
- Machine Tools & Equipment



WHY CHOOSE GCG



**SPECIALIZED
EXPERTISE**



**FAST, ACCURATE
QUOTING**



**FLEXIBLE
SOURCING**



**RELIABLE
INVENTORY**



**ALL APPLICATIONS—
ONE PARTNER**

Suppliers



AMERICAN WIRE AND CABLE CO.





POWER DISTRIBUTION

Machine, motor, and drive power

- VFD Cable (Static/High-Flex/C-Track)
- Servo Cable
- Tray Cable (Flexible & Vinyl Nylon Jacketed)
- Portable Cord (SOOW / SJOOW)
- DLO / Welding Cable / Type W



PANEL WIRING

Internal cabinet wiring and terminations

- MTW / TEW / AWM
- THHN / TFFN
- Hook Up Wire (UL1007, 1015, 1283, 1284)
- HARMONIZED (H07V-K/H05-K)



CONTROL & INSTRUMENTATION

Sensors, actuators, safety & field I/O

- PLTC / ITC (300v)
- TC-ER / CIC (600v)
- Shielded & Non-Shielded Control Cable



DATA & NETWORK CONNECTIVITY

Industrial communication systems

- Industrial Ethernet (Cat5E thru Cat7)
- Profinet / Profibus
- Devicenet / Modbus / Interbus
- CANbus / Fieldbus
- Fiber Optic



MACHINE LEVEL CONNECTIVITY

Field I/O & device interconnects

- Sensor / Actuator Cable
- IO-Link Cable
- Hybrid Power / Data Cables
- Multi-conductor Control Cable

Wire Dye and Striping

In-house dye and stripe capabilities for Machine Tool Wire (MTW), plus precision striping for THHN, TFFN, and other building wire. Enhances circuit identification and supports OEM and panel-building applications.

Get the wire color/stripe combination you are looking for without the long lead time. GCG has the capability to dye & stripe multiple variations of wire in house.



READY TO POWER YOUR NEXT PROJECT? 800.826.1265

