

Providing the Total Wire & Cable Solution

ROBOT PLUG-AND-PLAY DRESS PACKS

Innovative Solutions for Robotic Manufacturing

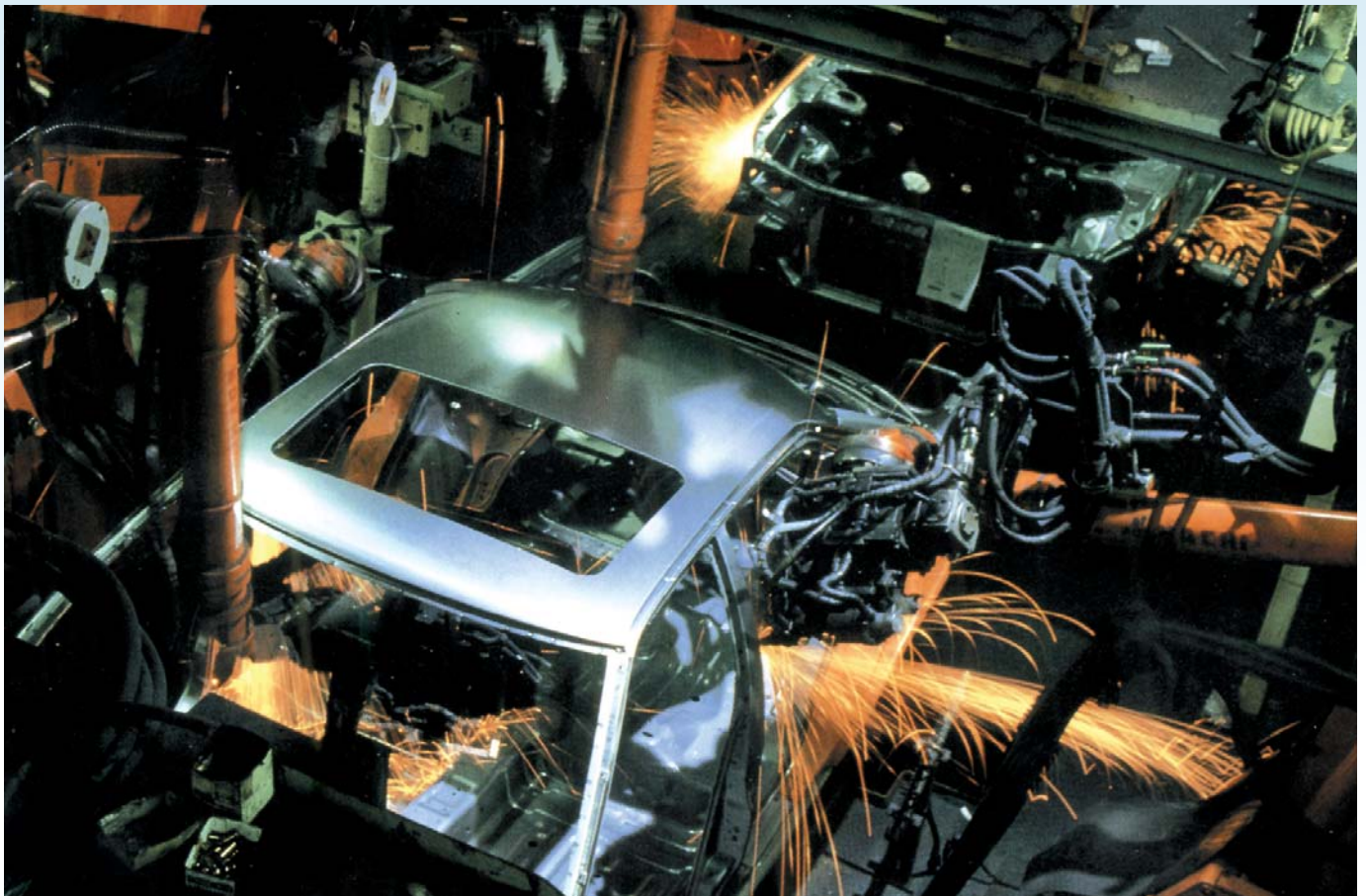


TPC WIRE & CABLE

A Premier Farnell Company

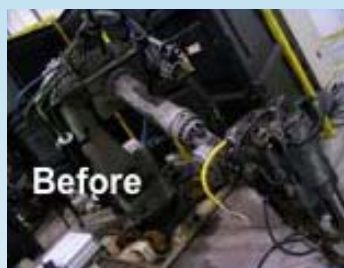
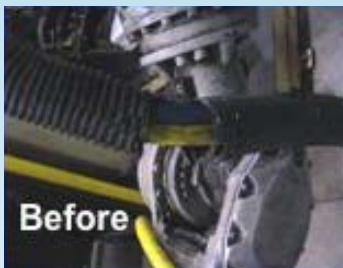
Robot Plug-and-Play Umbilical Systems

Chronic downtime on your welding and material handling robots? Exchange your expensive, labor-intensive hard-wired OEM-provided systems with modular standardized plug-and-play kits. These pay for themselves on the first installation.



Before and After

80 to 85% of all robotics downtime is directly due to cable or hose failure. Replacing the whole assembly from base to End of Arm Tooling is an expensive and time-consuming proposition and takes your machine out of commission for much too long. Talk to us about alternatives.



The TPC Advantage



As a single-source for all your robot dress-out needs, we provide you with the whole package, from design through spare parts and all the training and documentation you need to make yourself self-sufficient.



- On-site chronic breakage analysis



- Fit-form-function application-specific design for performance and long life



- Modular plug-and-play design concept



- Removal of damaged materials and installation of new plug-and-play kit



- Full documentation support packages



- Recommended spare parts kits for emergencies



- Power & Data Cable Assemblies



- Umbilicals for all media (power, data, air, water)

- Convoluted hi-flex protective tubing, accessory clamps and abrasion protection systems of all types

Custom Cable Assemblies

TPC specializes in designing and manufacturing custom cable assemblies from high voltage, high-flex power cables to data net cables.



■ Custom servo and encoder cable assemblies

■ Power and sensor cable assemblies

■ Teach and remote pendant cable assemblies

■ Light curtain assembly kits

■ Customized plug-and-play kits to replace hardwired systems



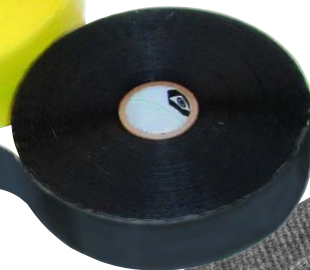
Accessories



A

A) Adjustable Cable Strap

Rugged and reusable . . . can be installed quickly with minimum downtime



B

B) Vulko-Wrap™

Temporarily repairs air and water leaks



C

C) Abrasion Resistant Ultra-Sleeve™

Protects equipment and cable from abrasion

15 Million Cycles and Counting



Have it dressed out right by us and forget about it.

We will come out to your facility and spec out a durable, value-based solution.

Then we'll build it to those specs, install it, document it, and support it.

All from one source . . .

TPC WIRE & CABLE

Service

Customer service is our hallmark. Our success is predicated on helping Maintenance Managers, MRO Specialists, Process Engineers, Electrical Systems Designers, Automation Integrators and Capital Equipment Asset Managers be at their most effective.



- Repairs, Rebuilds and Replacement Capabilities
- Reverse engineering & manufacturing
- New application design
- Free on-site visual diagnostics
- Max/Min spares inventory set-up, monitoring and management on-site
- Installation or installation supervision available
- Direct pick-up and delivery (personalized to your needs)

Value and Commitment

Every customer, supplier, partner and associate is unique and respected. We see our role as bringing the best together toward a purposeful, productive and successful resolution.

We match expectations to timelines and resources to deliver real value: this means competitive pricing, proven quality in material and workmanship, responsive service, and a lasting commitment to standing behind our products and beside those who entrust work to us. Period.

How may we be of service to you today?



It's easy to do business with TPC WIRE & CABLE

Super-Trex®

Trex-Onics®

Thermo-Trex®

Chem-Gard™

Quick-Connects™

Flex-Net™

Vulko-Wrap™

Kord-Gard™

Grip-Seal™



Cable & Connector Accessories

Power & Control Assemblies

Engineered Products

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