

Your Global Automation Partner

TURCK

Cable Assembly & Wire Harness Overview



A Global Leader in Industrial Automation

Turck's sensors, connectivity, and fieldbus technology products are built to be the best. As one of the most **prominent** sensor manufacturers **in the world**, we even back our sensors with a **lifetime warranty**. Turck works by bringing **rugged engineering** solutions to your industrial automation applications.

85,000+
SOLUTIONS

50+
YEARS OF INNOVATION

2,000+
EXPERIENCED SALES REPRESENTATIVES

Pioneer in non-contact
sensing technology

Developed innovative **connectivity**
solutions in response to our customers' needs

Recognized the need for advanced **I/O solutions**
in harsh duty environments

**SUPPORT &
DEDICATED SERVICE**

EXTENSIVE WARRANTY



4,000+
APPLICATION EXPERTS

RESPOND
and SOLVE over **1,200** inquiries
per day



Strategically placed manufacturing facilities in the

USA with **30** GLOBAL
SUBSIDIARIES

GLOBAL BUT LOCAL...

60 representations worldwide



A Critical Component of Your Machine's Electrical System

Our high standards for quality and ability to build to print sets Turck apart when it comes to custom cable assembly and wire harness solutions. Don't take a risk with your critical electrical systems by cutting corners on cable assemblies and harnesses. We offer and carry inventory of a wide variety of industry standard

connectors, wires and cables, sleeves, tubing and many other standard components. If you need additional ruggedization added to your harnesses, our in-house design team can work with you to develop the right solution.



- Premium products at competitive pricing
- Rugged, long-lasting solutions
- Low minimum order quantities
- Quality workmanship to the IPC-A-620 standard
- Professional, in-house design & project team

You'll find the toughest, most reliable cable assembly and wire harness solutions at Turck.

Prototype to Production

From turn-key sub-assemblies to complete custom solutions, put our wide range of connectivity resources and extensive cabling experience to work for you. Turck is your connectivity partner for high-quality electrical solutions. We are able to provide design assistance and value-add solutions at any stage during the design process.

Expanding Capabilities

With our growing arsenal of high-tech machines comes greater capabilities to help keep your applications up and running reliably – no matter what the application. From automated strip and crimp machines to ruggedizing harnesses with connectors sealed using our Overmold+ process to braided designs, Turck offers a highly experienced team of industry experts that are ready to take on your next connectivity challenge.

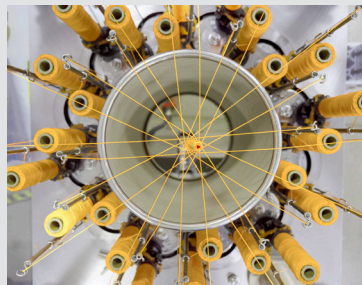
We are in the best position possible to deliver high-quality cable assembly and wire harness solutions to our customers. Turck offers both automated machines and a team of expert technicians to ensure that you receive the highest-quality solutions for your critical harness applications.



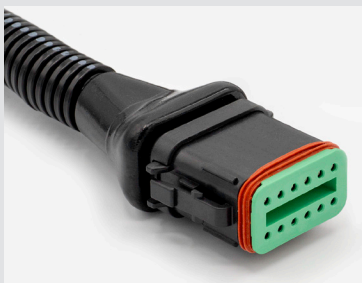
Wide Range of Services



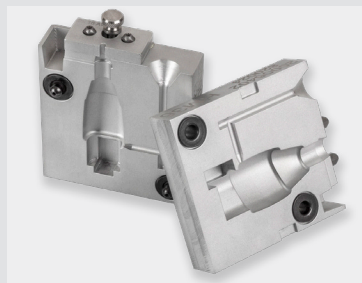
- Complex multi-branch cable & wire harnesses
- Large harness board assemblies
- Custom labeling, wire printing & hot stamping



- Automated & semi-automated production equipment
- Ultrasonic welding
- Protective sheathing, including braids, looms & sleeves



- Standard overmolded connector options
- Mil-Spec connectors
- Fully potted & encapsulated solutions



- Value-add design services
- Custom overmolding capabilities
- Wide variety of industry standard connector inventory

Quality Workmanship - Reliable in Any Application

You'll find Turck's custom solutions hard at work in nearly every industry, including the harsh environments found in mobile equipment, oil and gas, automotive, pharmaceutical, marine, robotics and many others. We are dedicated to meeting the specific needs of every customer with a high-quality solution. As part of our quality manufacturing process, we perform electrical testing

on all of our cable assembly and wire harness solutions, including 100% continuity and dielectric testing. Turck builds its harnesses to the IPC/WHMA-A-620 Standard, which prescribes best practices and requirements for the manufacture of cable assemblies and wire harness assemblies. Our facility is also ISO 9001:2008 certified for quality management systems.

Our rugged harness and cable assembly solutions are built to withstand the elements, giving you greater peace of mind.

- ✔ Outdoor heat/cold
- ✔ Abrasion resistance
- ✔ Vibration
- ✔ Moisture
- ✔ High-flex use
- ✔ Grease/oil
- ✔ More

From standard everyday use to the one-of-a-kind applications that no one else will touch...
When others say no Turck finds a way.



A Partner for Success

Turck offers superior industry expertise, capable of taking a napkin sketch all the way to a final product. We can also provide design assistance at any stage during the design process.



Quick Time to Quote

You'll get fast turn-around on quotes and samples. At Turck, we know customers have strong expectations for timely responses when receiving a quote for custom cable assembly or wire harness solutions. We tap into our large staff of application experts to return your quote as soon as possible. Can't find what you are looking for in this brochure or on our web site? Contact us today to get in touch with one of our knowledgeable staff. Call 1-800-544-7769 or email us at harness@turck.com. Let's start on your next connectivity project today.

Unmatched Engineering Expertise

Our staff of experts help customers solve some of their most challenging connectivity applications in addition to providing guidance on simple solutions. Turck has a reputation for being a global leader in connectivity, and the harness team is no exception.

With a wide range of capabilities that your average harness provider simply cannot compete with, Turck offers solutions that allow you to install and rest easy, knowing your systems are running reliably.

The Full Range for Automation

Beyond unparalleled connectivity options, Turck also provides world-class sensors, encoders, industrial instrumentation solutions, multiprotocol I/O modules, RFID hardware and systems, HMIs, field logic controllers and so much more. Many of our solutions are made in the US and backed by global support. With more than 40 sales offices around the globe, we are well positioned to provide solutions to nearly any corner of the world.

CUSTOM HARNESS & ASSEMBLY SOLUTIONS

WHEN OTHERS
SAY NO,
**TURCK FINDS
A WAY.**



TURCK



30 subsidiaries and over
60 representations worldwide!

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