

Your Global Automation Partner

**TURCK**

# Harness and Cable Assembly OverMold+





# Ruggedized Connectivity Performance You Can Count On

Harsh environments call for ruggedized connection systems that can stand up to extreme weather, exposure to water and abrasive chemicals. It can all take a toll. Now you can add an over-mold to wire harnesses to stand up to these challenges with OverMold+. You'll find the toughest, most reliable connection system solutions at Turck.

## Advantages At-a-glance

- Over-molded wire harnesses for superior impact and abrasion resistance
- Cost-effective solution does not require additional splices for existing circuits
- Improved strain relief for conductors



- Reliable protection of connector's seal helps prevent installation failures
- 100% conductor coverage using sleeve, braid, or loom
- Customized addressing for each connector using mold or shrink tube color



## 360° Protection for Longer Lasting Connections

Not only can inadequate connection systems make installations more difficult and time consuming, it can also lead to frequent replacements and downtime. Turck's OverMold+ industrial design adds 100% protection for connector seals as well as provides critical wire strain relief during installation. This makes it the ideal solution for wire harness applications where a high level of ruggedization and protection against harsh environments is a must.



## Unique, Proprietary Design

The T-barb shaft provides strain relief for conductors and also allows the sleeve, braid and loom to wrap over to get 360-degree coverage of conductors up to the connector. The high performance thermoplastic polyamide mold body provides a robust solution to protect the rear seals of industry connectors. With Turck's engineering and expertise, Turck's OverMold+ brings a sleek and professional look to every application.

# OverMold+ Built for the Toughest Applications



## Mobile Equipment

From agricultural, construction and mining vehicles and machines to fork trucks and fire trucks, the OverMold+ connection system from Turck is designed to withstand extreme outdoor conditions such as wide temperature fluctuations, dust or continuous vibrations. In addition, the over-mold helps prevent connector failures during installation when conductors are strained, saving costs.



## Marine

You'll get added protection for sealed connections with OverMold+, making it ideal for marine industry applications. The sleek features of the over-mold better direct "splashes" of moisture away from the surfaces of the connection system. Marine applications often call for connectivity solutions to fit into tight spaces. You can rest easy knowing that OverMold+ will help ensure easier harness installation by providing strain relief to the wires from the connection point, protecting the connector's seal and allowing more flexibility for installations.



## Oil and Gas

The oil and gas industry presents many difficult environments for automation solutions. Shock and vibration, weather extremes and corrosion are just a few challenges that connectivity solutions must endure. The seal of the OverMold+ connectivity system is designed to resist the elements common in process automation applications.

Can't find what you are looking for? Let our team of connectivity experts find a custom solution for you.

When other's say no, Turck finds a way.

# TURCK



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