Increasingly terminal boxes and cable harnesses are reaching their limits

- Numerous variations
- Cable harnesses are heavy and difficult to install
- Lack of potted components creates sealing problems
- Troubleshooting is difficult and time consuming
- Terminal boxes take up a lot of space

Decentralized Installation solutions for mobile machines

“Shrink” wire harnesses and terminal boxes – with our automation solutions for mobile machines.

The mobile industry is still in its infancy, when it comes to the idea of “efficient installation technology”. Cable harnesses and terminal boxes are still considered state of the art in many applications. As technology develops and machine variety increases, the reality of a cable harness reaches its limits.

Quick, easy and correct!

- Kit components are designed to work with each other
- Adaptable to application requirements
- Easy to install, thanks to pre-assembled connection cables. Can be used with field-wired connections if needed.
- Reinforced plastic housing protects against aggressive media (diesel, hydraulic oil, cleaning agents etc.)
- Compact size = space savings
With Murrelektronik and Data Panel’s modular installation system you can easily solve IO installation challenges in mobile machines.

Repair without losing quality
If something should happen, our pluggable connection cables are easy to replace. This maintains the high quality wiring – without needing expensive tools or having to call in a specialist!

Sealed Tight
Clean without nasty surprises! Our components can stand up to high pressure cleaners and a variety of media. This means our wiring solutions provide higher machine availability for increased productivity!

Economical even when you only need one
Single-wire cable harnesses are complex and expensive, especially for small production runs. Modular, pluggable wiring systems from Murrelektronik and Data Panel bring the idea of "Plugged in, Done!" to mobile machines.

Easy to expand
With our component based system, future changes and expansions are no problem. Simply plug in and get started!

Passive and active IO modules and system components offer you a consistent and cost-efficient solution.

If you need detailed specifications or have further questions, please contact us directly.
Connection Technology

Pre-molded cordsets not only save time during installation and troubleshooting, but also ensure that mobile machines continue to function under extreme conditions thanks to their robustness and impermeability. With these cables, the active and passive IO modules meet the requirements of IP65, IP66K, IP67, IP68 and IP69K. Alternatively, you can assemble the cable yourself using DT or compatible connectors. The modular system of pre-assembled and tested components and the extensive range of accessories make you largely independent when wiring sensors and actuators.

Take advantage of our expertise

Need help developing the right solution of active or passive modules. Email us, info@murrelektronik.de, for a no-cost, no-obligation consultation.

You can also visit the “Industries” section of our website – or scan the QR code – to learn more.