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What makes the small-scale production of customer-specific systems at WITT Solutions GmbH unique?

Products such as cable, direct current or insulation measuring devices are used in a wide variety of locations and weather conditions as well as in a wide variety of energy infrastructures. In order for a product to do what it is supposed to do in the required position, it must be individually adapted and tested. The frequently demanded flexibility of products has increased the popularity of small productions and the preference for products from manufactories in recent years. We at WITT Solutions GmbH have specialized in exactly this type of production and even go one step further: We not only produce individual software, but also have a flexible, modular measurement platform so that both components implement individual functions and interact in a perfectly coordinated manner be able. An example of this new measurement platform is the WB-TVM. This type of individual and customer-specific production is unique in its flexibility, modularity and logistics for direct current and power measurement technology.

Cable monitoring - more than just theft protection

If you search the Internet for reasons for cable monitoring systems, the first argument you will find is protection against theft. The copper price on the world market is rising, making theft more and more attractive. While this is a valid reason, theft is not the most common cause of copper wire damage. Microcracks, which occur when the cable is laid or as a result of civil engineering work, can grow over time and thus lead to serious damage to the cable. With cables in the voltage range up to 3kV DC, the WITT-CM7 detects attempts at manipulation or changes to the cable and triggers an alarm. The fault location accuracy is 60m-150m for a 3km long cable, for example. A cable monitoring system not only offers protection against theft, but also the possibility of preventive or maintenance measures to avoid downtime.

We are looking forward to seeing you at DCRPS!

On the 28th/29th April we look forward to inspiring you at the DCRPS in Leipzig with innovations, high-tech and revolutionary products that will change the railway world, at booth no. 11. This year DCRPS will even be hybrid, i.e. digital and on-site. Here you can register quickly and easily: <https://dcrps.org/de/dcrps-konferenz-2022/anmeldung>

Last but not least:

Did you know that measuring systems can be operated autonomously and without auxiliary voltage thanks to low energy design?

In the next newsletter you will find out:

How a bridge is drawn between the analog and the digital world and what is so SMART about it.

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