

## 48 V on-board wiring simulation with power feedback into the grid and IP54

Price and performance make the difference



Equipment used from the portfolio of Schulz-Electronic:

- TC.GSS.20.65
- Rack 25HE protection class IP54
- SupplyCom Profibus Module to control TC.GS

### The challenge

The enterprise, whose vehicles are known and appreciated all over the world, needed several mobile source-sink systems for a development, to simulate 48 Vdc on-board wiring systems. Important specifications had to be observed, such as e.g. Protection Class IP54 because the test stands are extinguished with water spray, and also integration via Profibus into the test stand software PUMA by AVL.

### The solution

Schulz-Electronic sees itself as a fast, flexible system supplier, able to react adaptably during the project phase.

Other aspects which impressed the customer were the reasonable overall price, and the combination of rack solutions and Profibus adaptation. The benefit to the customer: The 48 Vdc on-board wiring simulation can be integrated into any engine-testing stand, as required. This versatility, plus the compact and mobile rack, has saved our customer from having to make cost-intensive alterations.



At [www.schulz-electronic.de](http://www.schulz-electronic.de) you can find out more about our projects. And of course you're welcome to get in touch with us any time you need a (special) solution – we will always be pleased to listen to your requirements!