

## FSIS & ODU

# AEROSPACE – Running tests while working from home

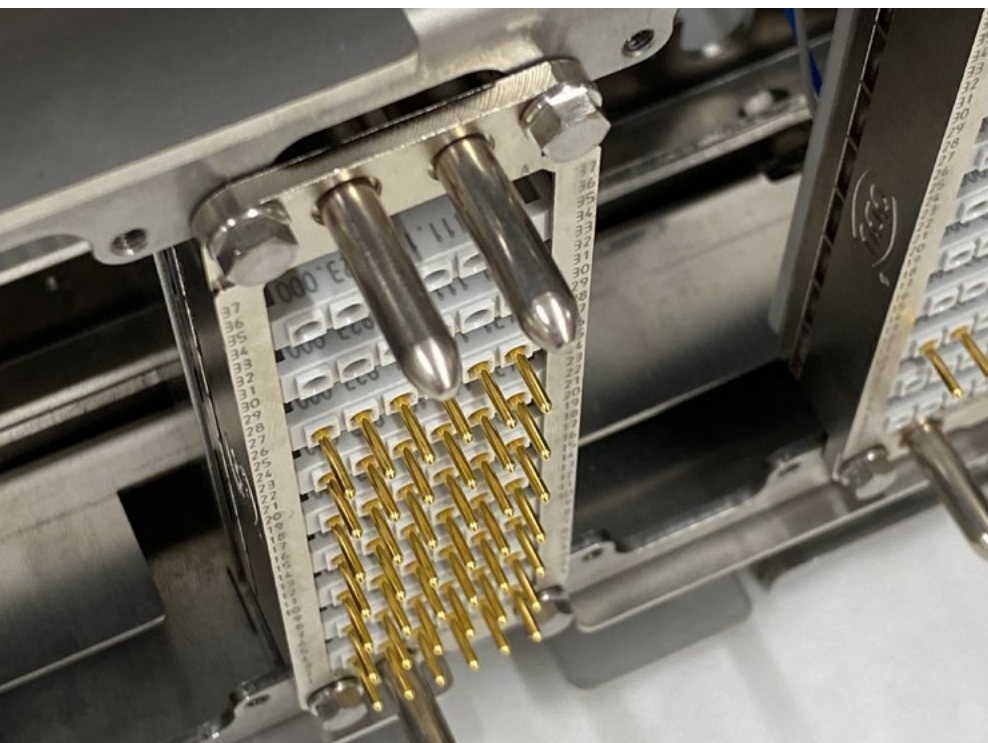
Large manufacturers in the aerospace industry require measurement systems with electromechanical assemblies. But where do the components for this come from? F. Schelkle Industrie-Service GmbH (FSIS), a mechanical engineering company, is active in this field and offers the integration of measurement technology in its portfolio. Years of experience and know-how enable FSIS to develop reliable solutions. The ODU-MAC® Black-Line Mass Interconnect System also plays a role in this.



MAGNUS MAYER,  
FSIS OPERATIONS MANAGER

**THE CONNECTOR** What is the mass interconnect solution used for?

**MAGNUS MAYER** In aviation, control units are subjected to rigorous testing during the development phase. The mass interconnect system facilitates the functional testing of the ECU by providing a simple connection between the test system and the prototypes. Different adapters can be automatically connected to the test system as needed.



The system is individually equipped as required.



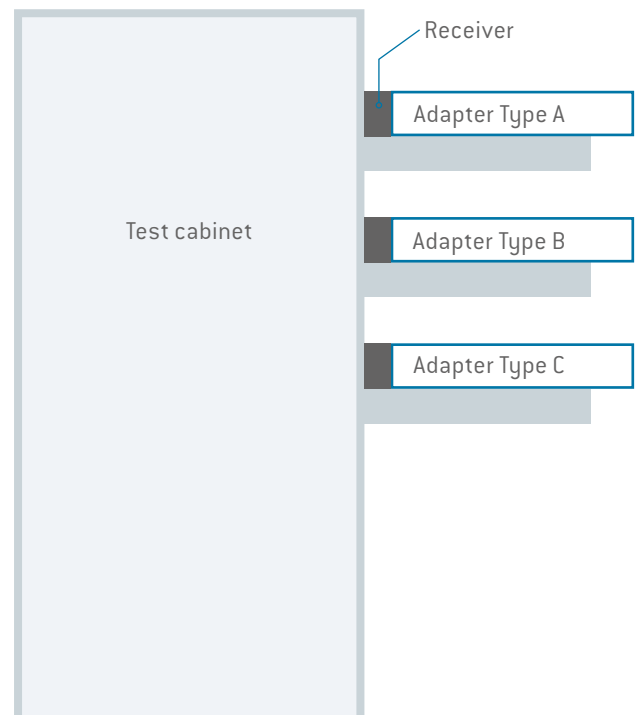
ODU's Mass Interconnect System helps to test aerospace products.

**THE CONNECTOR** What challenges did the ODU interface have to overcome?

**MAGNUS MAYER** The modular design and easily modifiable interface were key. This allows the system to be individually adapted to the test situation. Remote operation was also an important criterion for our customer, so that employees could operate the system from their home offices. The electromechanical connection and automation options of the ODU-MAC® Black-Line are just as important as the adapter recognition. The integration of ODU products into an existing system environment is very simple and flexible. Of course, the quick availability of ODU components was also a plus.

**THE CONNECTOR** How do you think the testing of products for the automotive and aerospace industries will develop in the future?

**MAGNUS MAYER** The transmission of high data rates and, of course, high-voltage and high-current, are already crucial. And the importance of automation is growing all the time. With ODU, we've found a partner who can meet these challenges and with whom we can work together on the solutions of the future.



The end customer's requirement was for only one adapter to be connected to the test system at a time and for the docking process to be automatic via remote control. The project was completed to the customer's complete satisfaction thanks to the electromechanical locking mechanism.