



Winner of the  
**productronica**  
innovation award 2021

## **Cluster Cables, Coily & Hybrids: Schleuniger – Transfer Line Family S70**

### Words of praise from Christoph Stoppok, ZVEI

The new innovative solution is a modular platform for processing coaxial and multi-conductor cables. The product name is Transfer Line Family S70. The product will be primarily used in the automotive industry in the high-voltage and e-mobility sectors but not only there. The modular design allows extremely high flexibility in the configuration of the platform. One huge advantage is that it can be expanded on site - on the customer's factory floor.

In addition, the new base modules and stations can be easily integrated. This allows users to customize the platform and gradually increase the level of automation. Previously laborious manual processes are automated with the S70 and achieve repeatable and highly precise quality. This means maximum process reliability and the reliable fulfillment of high industry standards.

Another advantage is that one platform configuration can be used for coaxial and multiconductor applications without changing the stations on the platform. This saves time-consuming retooling, reduces the error rate and rejects, and ensures consistent high quality. The rotary stripping with a movement of the cable through the gripper and software-controlled blades guarantee clean stripping and undamaged shields - ensured by an AI-supported full sphere camera for permanent quality control. The usual problems of stripping insulation and foil are solved by this new stripping technology. Maximum attention was paid to the processing quality and repeatability of the processes during development. Thanks to the platform's full software integration, all work steps as well as product and production data can be tracked.

Congratulations for this innovative new product, congratulations to the company Schleuniger for winning the productronica Award 2021.