

Robust connector systems for rough conditions

Our USPs

- › Automated production line with transfer technology and process monitoring
- › Globally standardized machinery
- › Development of connector systems according to customer requirements
- › 100 % product identification and traceability



Your Advantages

- › Development of customer-specific connectors with overmolded components
- › Handling of various cable diameters
- › Validation according to customer test standards with common environmental simulations and suitable testing technology in accredited MD test laboratory
- › Very high mechanical stress performance
- › Use in outdoor and dirty areas
- › High level of automation in order to ensure full traceability of production parameters

Requirements

Robust multicore cable assemblies developed for the use in outdoor and dirty areas, compliant with the highest watertightness class IPX9K.

Applications

Connection of

Rotational speed sensors

Brake wear indicator

Electronic parking brake

Damper systems

Technical Information

Electrical

Operating voltage DC	up to 60 V (depending on diameter)
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Mechanical

Material	PA6 GF / PA66 GF
Keying efficiency	≥ 80 N
Engagement force	≤ 30 N (blade width < 1.2 mm) ≤ 40 N (blade width < 2.8 mm)
Retention force	> 60 N

Environmental

Temperature range	-40 °C up to +125 °C
Watertightness	IPX9K
Dynamic load (PG17)	SOR (stress type)
Qualification according to	LV 214 component LV 124 assembly



Cable Assembler

with 50 years of experience



Flexible Volume Supplier

More than 180 million products in over 20,000 variants every year and more than 450 car models from over 90 OEMs



Automotive Supplier

for more than 30 years



Independent, integrated technology leader

with an in-house mechanical engineering department for production equipment



Leading Global Specialist

for data transmission solutions in vehicles



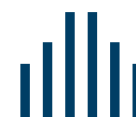
Globally Accredited Test Laboratories

as a quality factor for standard-compliant methodology and reliable evaluations



Over 5,000 employees

worldwide with a global manufacturing and distribution network



Foundation Company

with a clear focus on the sustainable preservation of the company, constant innovation and secure jobs