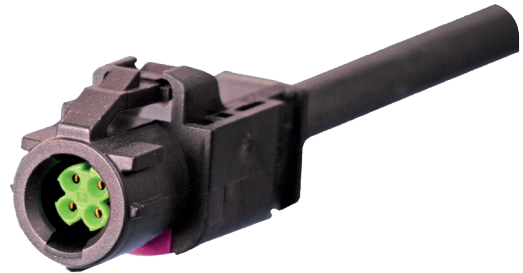


HSDe – High-Speed Data Ethernet

Our USPs

- › Automated production line with transfer technology and process monitoring
- › Compliance with the smallest processing tolerances
- › Globally standardized machinery
- › Cable cross-section 0.35 mm²



Your Advantages

- › Robust data transmission with LVDS principle
- › Less mating processes due to a unit chamber concept and different housings
- › Small installation space with a robust design
- › 180° variants: 7 codings + waterproof;
- › angled variants: only as door connector (without housing)

Technical Information

Electrical

Return loss	≥ 25 dB, DC up to 100 MHz ≥ 15 dB, 100 MHz up to 500 MHz ≥ 10 dB, 500 MHz up to 1 GHz
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Mechanical

Keying efficiency	≥ 80 N
Engagement force	≤ 30 N
Retention force latch	≥ 110 N
Mating cycles	≥ 25

Environmental

Temperature range	-40 °C up to +105 °C
Qualification according to	LV 214 / USCAR

Specification according to Rosenberger datasheet

Requirements

2 data pairs for bi-directional data transmission or simultaneous voltage and data supply in a compact design for frequencies up to 1 GHz

Applications

Cameras	ADS / ADAS
Displays	ECU network connection

Protocols & Signals

Automotive Ethernet	Broad-R-Reach
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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



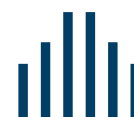
Globally Accredited Test Laboratories

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