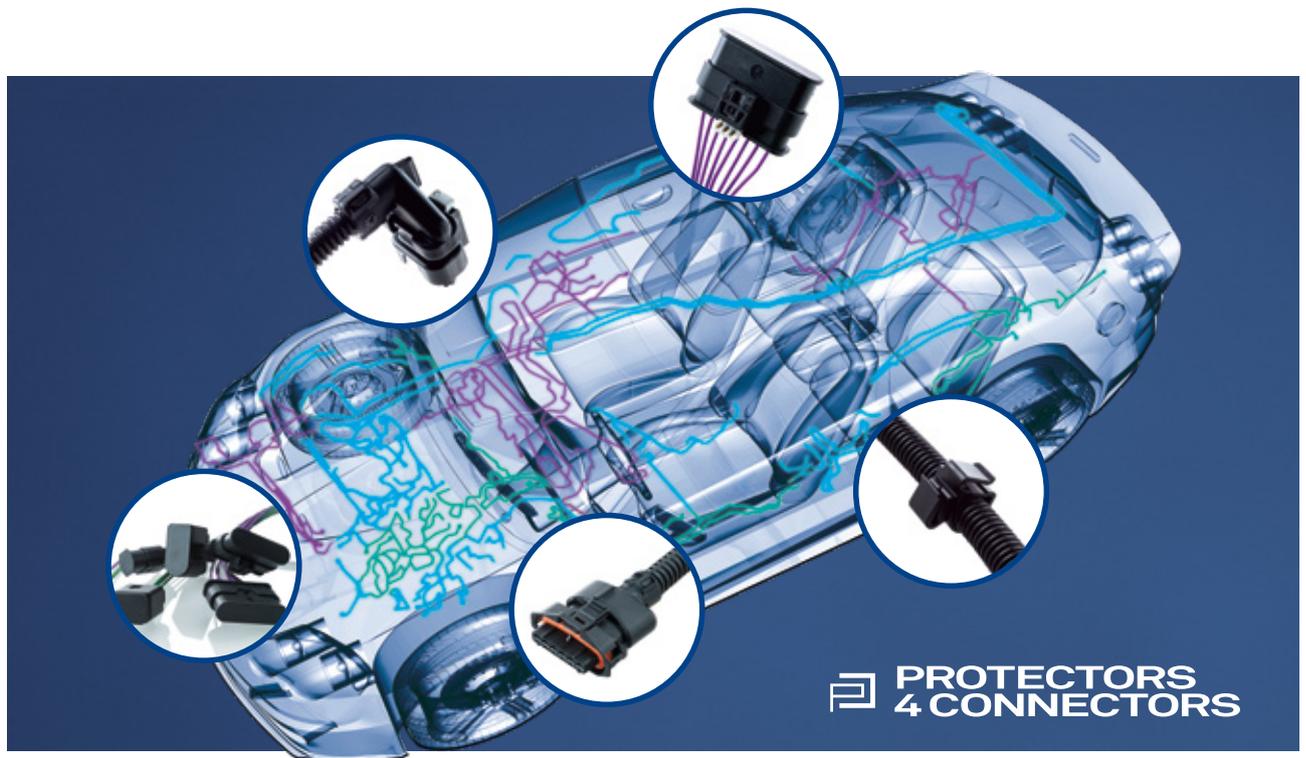


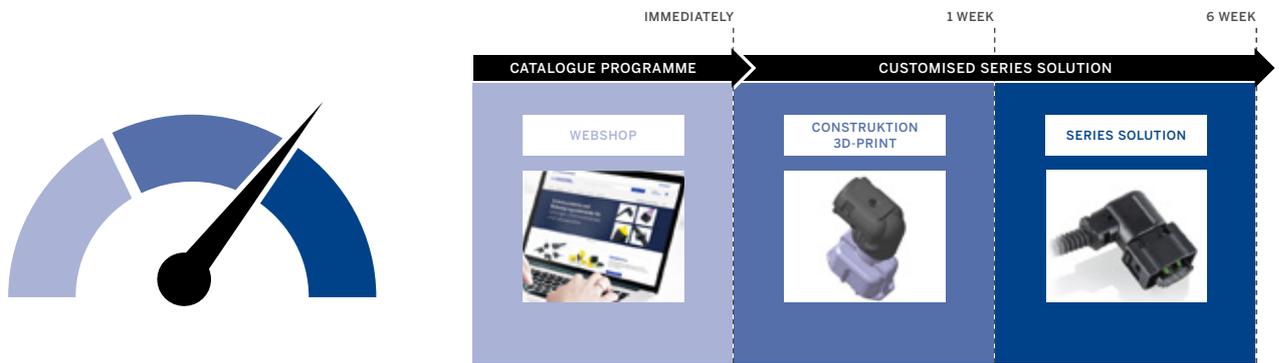
Your expert for protecting wiring harnesses and electrical components.



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www.poeppele.com

One standard range – many advantages.

Under the name **Protectors4Connectors Pöppelmann K-TECH®** offers plastic accessories for the protection and attachment of wires, electronic connectors and cable assemblies in the automotive industry.



The standard range comprises:

ADAPTER CAPS

for connectors and pin housings. These are available in various shapes that allow the cable outlet to be aligned in different directions and thus guarantee optimal usage of the vehicle installation space. In the field of vehicle manufacture, every centimetre of installation space counts. This is why **Pöppelmann K-TECH®** produces adapter caps in various outlet directions for various connectors and pin housings under the name **Protectors4Connectors**. Five different shapes help achieve a targeted alignment of the cable set.

Discover our
Adapter caps ABC:



Shape A with top cable outlet



Shape B with front cable outlet



Shape C with longitudinal cable outlet



Shape D for very tight installation space with longitudinal cable outlet (flat cap)



Shape E for very tight installation space with front cable outlet (flat cap)

DELETE CAPS

for female connectors and **sealing plugs** for male connector designs with an impermeability of IPX9K (or PG23) provide optimal protection of plug terminals throughout the vehicle lifetime.

Protectors4Connectors offers a selection of effective and particularly economical delete caps, which can reliably and permanently seal connectors (female) in vehicles and that are optimised for confined installation spaces. Delete caps are also ideal for use in production-related cleaning processes.

- + Waterproof pursuant to PG 23
- + Easy installation
- + Reliable and permanent fit thanks to lateral snap-in noses



SEALING PLUGS

for plug-in connecting areas (male). A mounted silicone seal ensures that the plug fits securely in the connection contour. This protects the terminals permanently and reliably. Sealing plugs are perfect for manufacturing-related cleaning processes. They even ensure safe protection in high-pressure applications.

- + Permanent protection of terminals
- + Water-resistant pursuant to IPX9K in accordance with DIN 40050
- + Safe catch thanks to double-sided attachment clips



CABLE HOLDERS

Cable holders attach standardised corrugated wires and hoses in the automotive sector. Thanks to their latching function and accurate fit to corrugated tubes or corrugated hoses, they can be assembled quickly and securely, thus saving a lot of time. The **Protectors4Connectors** cable holders offer a lighter and more cost-effective alternative to metal solutions.

- + Various shapes
- + Shape A: snap-in nose perpendicular to the hose
- + Shape B: snap-in nose horizontal to the hose



CUSTOMER-SPECIFIC SOLUTIONS

And what if an application does not exist in the standard range, or if an existing solution does not fit in the available installation? No problem – we can also develop and produce tailored solutions for you, if necessary. This is cheaper than you might expect. In most cases, it is sufficient to create special mould inserts for existing moulds.



A successful family-owned business:

We are here for you. Worldwide.

Since 1949, the family-owned company of Pöppelmann, with its five production sites and 550 injection moulding machines, thermoforming lines and extruders, has grown into a leading manufacturer in the plastics processing industry. In more than 90 countries and across a wide variety of industries, people value the quality we offer, “made by Pöppelmann”. Our success is down to our team of over 2,000 highly-qualified employees.



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