

# HV Protection GPN 395 Type E



[www.poepelmann.com/en/gpn395e](http://www.poepelmann.com/en/gpn395e)

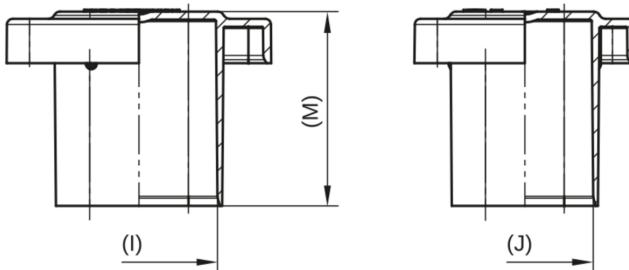
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## Application

The HV protection GPN 395 Type E is suitable for use in parts and components for hybrid or electric vehicles. It protects connectors, e.g. in the area of batteries, DC/DC converters, on-board chargers, power strips and high-voltage distribution, against corrosion and mechanical damage and offers protection against splash water in accordance with protection class IPX4. The cover enables quick removal, can be fitted on both sides and features a functional design as a registered design. The plastic used is made from post-consumer recycled material.

All information about 100% PCR can be found in "Sustainability at Pöppelmann" (see chapter 2) or at [www.poepelmann.com/en/kapsto/Responsibility.html](http://www.poepelmann.com/en/kapsto/Responsibility.html)



PCR-PP  
turquoise blue

Article	I	J	M	100% PCR
GPN 395 HV 40-4+2	28	24,4	34,6	39503020000

Dimensions in mm.

Information on materials, colours, designs and use of our products can be found on the website and in chapter 3 'Materials and application'.

The article consists of 98 % PCR-PP and 2 % colour based on a PIR carrier. The plastic used consists of 100 % PCR.

For these articles, colour deviations and black dots cannot be completely avoided in production and are permissible. We recommend carrying out functional tests before series production.

## Guide values for high-voltage applications

Article	Contact connections	Manufacturer	Plug type	Number of poles	Rows
GPN 395 HV 40-4+2	HPS	Hirschmann	HPS 40-4+2	2 4	2

## Your added values:



More resource-saving.

The plastic used consists of 100 % recycled material.



Better fit.

Protection for High Voltage Connector Systems using our registered design.



Saves time.

Quick disassembly thanks to non-slip grip surfaces. Mounting on both sides possible.



Seals better.

Protection against splashing water from any direction (IPX4) depending on the specific connector design and quality.



Cleaner.

Production in accordance with VDA Band 19 and ISO 16232 in our cleanroom on request.