



HELLA is providing e.GO Life with lighting and electronics products

- **LED headlamps set to give the electric vehicle an individual character**
- **New electric vacuum pump (UP5) supports braking function**

Lippstadt, 29 August 2019. The automotive supplier HELLA has integrated a selection of diverse lighting and electronics products in the new e.GO Life. This variety includes products which support braking function and which also play their part in creating an individual look and feel for the vehicle. The car has been on the road since the middle of the year and is the first electric car of the Aachen electric car company e.GO Mobile.

Together with e.GO Mobile, HELLA has developed a customised headlamp concept. The project focused on utilising the headlamps to differentiate the vehicle and make it stand out from the crowd in sharp relief. "The objective was to give the vehicle a friendly face, an aim which was achieved thanks to the use of round LED headlamps that are also available in the halogen variant. Furthermore, we have radically altered the standard design as the company founder wished to have headlamps that could be recognised as paying homage to the Porsche 911," explains Michael Bock, Head of Sales in the Special Applications Division at HELLA. At an extra charge, bi-LED lighting technology, whereby a single projection module equipped with an LED light source brings about the high and low beam, means that the system can be upgraded even more. In addition to the headlamp technology, HELLA will be supplying e.GO Life with yet more lighting products such as fog lamps, reflex reflectors from the modular Shapeline lamp series, the third stop lamp which is high-mounted in a central position, rear fog and reverse lamps and also a reading lamp for the interior of the vehicle.

Various HELLA products from the field of electronics have also found their way into the vehicle and these include the rain-light sensors and the horn. And as a special highlight, HELLA has integrated the new generation of electric vacuum pumps (UP5) to assist with braking function. "Because electric vehicles have no internal combustion engine, an electrical pump is used in order to generate the necessary vacuum for the pneumatic

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brake boosting system," points out Bock. Controlling of the electric vacuum pump takes place by means of an integrated pressure sensor, which, when it reaches fixed switching thresholds, switches the pump on or off as required.

HELLA and e.GO will continue their collaboration. Series production of the electric bus "e.GO Mover" is planned to start in the middle of 2020. Two variants are on the agenda, one equipped with driver assistance systems and the other, aiming for the top level of expansion, has its sights set on a fully autonomous minibus. And here, too, it will be HELLA providing the lighting and electronics products.

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