

LIPPSTADT (GERMANY)  
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## **HELLA manufactures 500 millionth accelerator pedal sensor**

- First series production started in 1996; today HELLA is global market leader with a share of over 40 percent
- Company-wide first customer project in fail-safe design underway; further growth expected due to new requirements for vehicle interiors

HELLA, the automotive supplier operating under the FORVIA umbrella brand, has surpassed the mark of 500 million electronic accelerator pedal sensors. The first accelerator pedal sensors rolled off the assembly line more than 25 years ago. With a market share of over 40 percent, HELLA is the worldwide market leader and supplies numerous international automotive manufacturers from a global network with nine production sites. In the summer of last year, HELLA also put an ASIL D fail-safe accelerator pedal into series production, which is representing the highest safety standards in the automotive industry.

Accelerator pedal sensors detect the position of the pedal and transmit the corresponding command to accelerate or reduce engine power to the engine control unit. "Our pedal sensors are an excellent example of the many electronic components of HELLA that contribute to safe and comfortable mobility in our everyday lives," says Marco Döbrich, who is responsible for the product segment sensors at HELLA. "The fact that we have earned our position as the global market leader in this field since we entered the market demonstrates our ability to bring sensors to the road in a cost-efficient way that are not only robust and highly precise. With a defect rate significantly below 1 part per million, they are also the industry benchmark in terms of quality and reliability."

HELLA has been active in the market for accelerator pedal sensors since 1996 and was already the first manufacturer in the world to have accelerator pedal sensors in series production that transmit the driver's command to the engine control unit via purely

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electronic signals without the aid of mechanical elements (by wire). The accelerator pedal sensors are designed to combine the accelerator pedal, pedal force generation and signal generation in a compact, modular unit. This allows the design and feel of the pedal to be adapted to individual customer requirements. The heart of the module is the self-developed wear-free sensor concept CIPOS® (Contactless Inductive Position Sensor), which HELLA has launched on the market for the first time.

At the same time, HELLA is working on new pedal concepts that realize a new interior design with optimized and flexible footwell areas. "Automated vehicles will have new requirements in terms of design and comfort," says Marco Döbrich. "The market for active safety technologies, which includes our pedal sensors, will therefore continue to grow. Our many years of experience and market leadership in the field enable us to supply our customers with high-performance, high-precision sensors and offer them customized solutions."

**Please note:** This text and corresponding photo material can also be found in our press database at: [www.hella.com/press](http://www.hella.com/press)

## ABOUT HELLA

HELLA is a listed, internationally positioned automotive supplier operating under the umbrella brand FORVIA. Within this factual group, HELLA stands for high-performance lighting technology and automotive electronics. At the same time, the company covers a broad service and product portfolio for the spare parts and workshop business as well as for manufacturers of special vehicles with its Business Group Lifecycle Solutions. HELLA has 36,000 employees at more than 125 locations worldwide and generated consolidated sales of € 6.3 billion in the fiscal year 2021/2022.

## ABOUT FORVIA

FORVIA comprises the complementary technology and industrial strengths of Faurecia and HELLA. With over 300 industrial sites and 77 R&D centers, 150,000 people, including more than 35,000 engineers across 40+ countries, FORVIA provides a unique and comprehensive approach to the automotive challenges of today and tomorrow. Composed of 6 business groups with 24 product lines, and a strong IP portfolio of over 14,000 patents, FORVIA is focused on becoming the preferred innovation and integration partner for OEMS worldwide. FORVIA aims to be a change maker committed to foreseeing and making the mobility transformation happen.  
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