



PRODUCT INFORMATION

Rain/light sensor

- Fourth generation of the long-established Hella rain sensors
- Five functions in one product: rain, light, solar, and humidity measurement as well as adjustment of the light intensity on the Head-Up-Display
- Optimized design – Extremely compact packaging

PRODUCT FEATURES

This new sensor offers the user five functions in one product:

Rain sensor

The rain sensor is used to recognise different rain situations in the sensor range and activates the front windshield wiper accordingly. Thus, manual intervention by the driver is now more or less unnecessary.

Light sensor

As a light sensor it controls the activation and deactivation of the low beam light in different lighting conditions or in special situations such as in tunnels.

Head-Up-Display

If it is used for the Head-Up-Display, the sensor detects the brightness in the vehicle's immediate vicinity and adjusts the light intensity of the display based on the current light conditions.

Solar sensor

The solar sensor measures the insolation and supports the air conditioning control system.

Humidity measurement

The humidity measurement is used to control the air conditioning control unit for the air conditioning in the vehicle interior, such as automatic ventilation of the windshield.

INTERFACES / FUNCTIONAL DESCRIPTION

1 Spring

2 Infrared-transparent optics for rain and tunnel detection

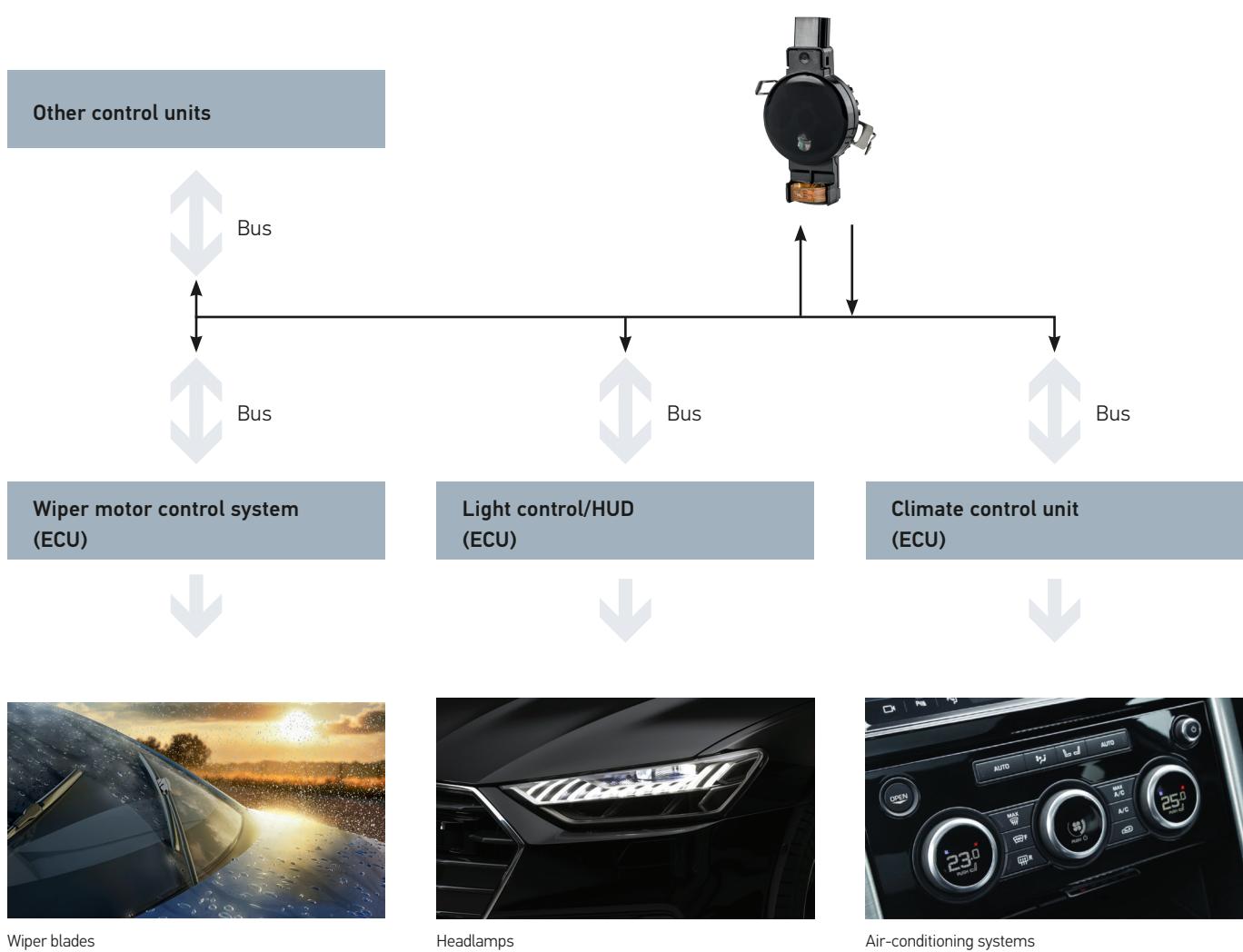
3 Connector

4 Transparent optics for surrounding light detection

5 Humidity sensor



The system overview illustration shows an option for how the sensor communicates with other system components in the vehicle via the LIN interface. Here the sensor is switched on by the overriding control unit and supplied with voltage. It thus provides the system with information, however it does not have direct access to the system itself.



HELLA RAIN/LIGHT SENSORS

Product features, specifications and availability are subject to change without notice.

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