



**Item no. 323/457**  
Manufacturer's no. 3067



## D+ Simulator Pro



### Information

|                |                 |
|----------------|-----------------|
| Dimensions     | 25 x 43 x 25 mm |
| Pack size      | 17 x 17 x 3 cm  |
| Net weight     | 20 g            |
| Gross weight   | 110 g           |
| Catalogue page | 592             |

In newer vehicles (Euro 6), voltage-controlled simulation of the D+ signal is often no longer possible due to the energy-optimised alternator controls. This is where the new VOTRONIC D+ Simulator PRO comes into play. It works independently of the alternator's charging mode, as it generates the signal by recognising the vibrations of the running engine. It is therefore suitable for all vehicle types of all model years. The new D+ Simulator Pro has an adjustable switch-off delay to bridge start-stop phases (e.g. at traffic lights) or during stop-and-go (e.g. in traffic jams). In addition, a built-in charging voltage monitor prevents unintentional activation in the event of external vibrations, e.g. during ferry journeys.

The VOTRONIC D+ Simulator Pro generates the control signal by recognising the vibrations of the running engine. It works fully automatically and independently of the alternator's charging mode and is therefore particularly suitable for vehicles that have an alternator management system. These can be vehicles complying with the Euro 6 standard, for example. With its low current consumption of less than 3 mA, it fulfils the requirements of DIN EN 13976.

### Details

### Specifications

|                     |             |
|---------------------|-------------|
| Colour              | black       |
| IP protection class | IP64        |
| Cable length        | 2 m         |
| Nominal voltage     | 12 V   24 V |

- Switching output: max. 0.3 A (+ switching, overload-proof and short-circuit-proof)
- Switch-on delay approx. 4 seconds to prevent incorrect activation
- Adjustable, additional voltage monitoring and switch-off delay
- Display of device status via three-colour LED
- Low power consumption
- Suitable for 12 V and 24 V systems
- Switching output: + switching, max. 300 mA ... 5 min
- Switching delay on/off: 4 s/10 s
- Self-consumption: < 3 mA
- Dimensions (cylinder): 43 x 25 mm (2 m connection cable)
- Test mark: CE, E-test (EMC/vehicle directives)