

HE-Check

Testing device for PWM and 0-10V signals



Generates and measures
PWM and 0-10V signals

The HE-Check takes over where conventional tools fail – at the question whether a malfunction is caused by a pump fault or the controller signal. With the HE-Check, the function of the pump and the signals of the controller can be checked quickly and easily. The testing device measures and generates 0-10V pump control signals as well as PWM signals in a frequency range from 40 up to 2000 Hz.

For testing bidirectional pumps, PWM signals can also be generated and measured simultaneously. Additionally, the device will indicate the pump status or the flow rate respectively.

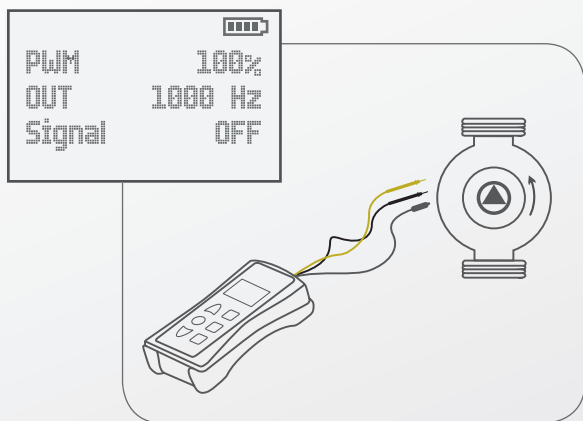
The HE-Check comes with a versatile set of measuring and signal cables for different pumps and controllers. The practical storage bag and the robust housing make the HE-Check ideal for daily application.

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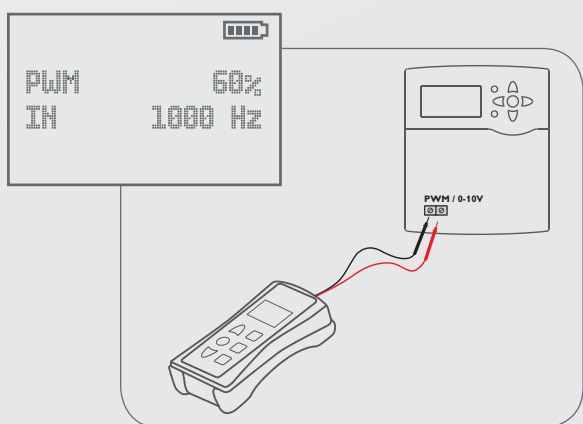
Price bracket B | Article-no.: **280 016 50**

- Intuitive operating concept
- Ergonomic design
- Easy fault diagnostics
- Including different measuring cables



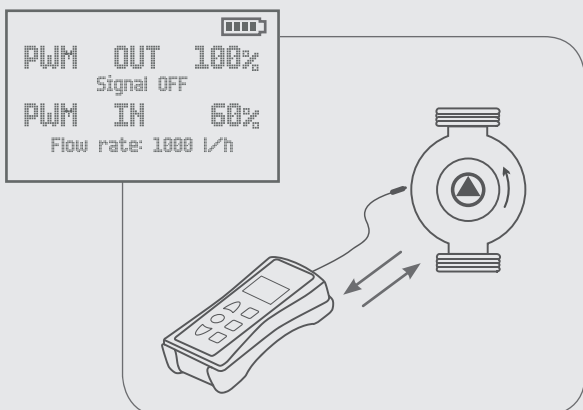
Simulating PWM/0-10V signals

- Suitable for all devices with PWM/0-10V inputs
- Generating speed control signals from 0-100 %
- Adjustable frequency and voltage
- Checking pump function



Testing PWM/0-10V signals

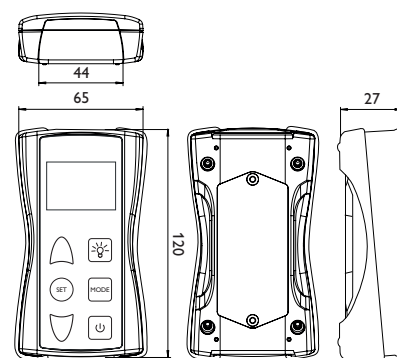
- Suitable for all devices with PWM/0-10V outputs
- Precise measuring of:
 - PWM voltage
 - PWM frequency
- Easy fault diagnostics



Bidirectional pumps

- Simultaneous generating and measuring of PWM signals
- Flow rate indication
- Pump status display:
 - No PWM signal
 - Standby
 - Normal operation
 - Error

Technical data



Inputs: PWM/0-10V

Outputs: PWM/0-10V

PWM frequency: 40 ... 2000 Hz

Measuring range: 0 ... 15V

Power supply: 3 type AAA batteries (included), typical battery life: 2 years

Functions: measuring and generating a PWM or 0-10V signal

Housing: plastic, ABS and TPE

Indication / Display: full graphic display

Operation: 6 push buttons at the front

Ingress protection: IP 54 / DIN EN 60529

Safety: 18V class I / EN 61010

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 120 × 65 × 27 mm