RESOL®
CONTROL TECHNOLOGY

HE-Check

Testing device for PWM and 0-10 V signals

HE pump control

Generates and measures PWM and 0-10 V 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 0-10 V 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.

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

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

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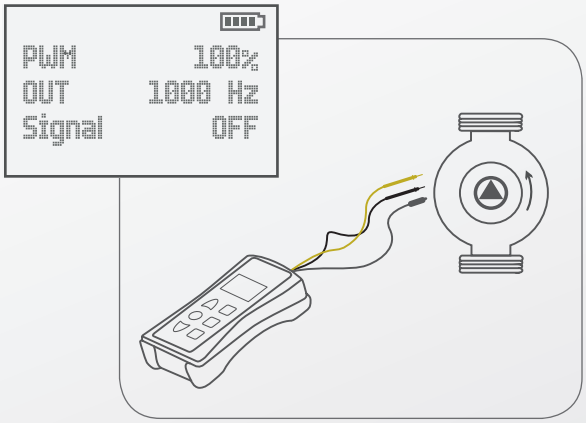
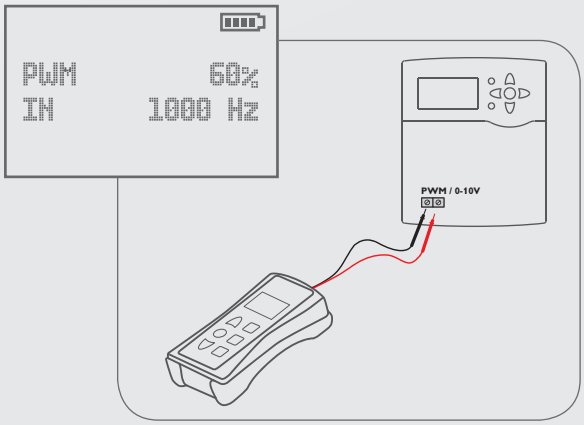


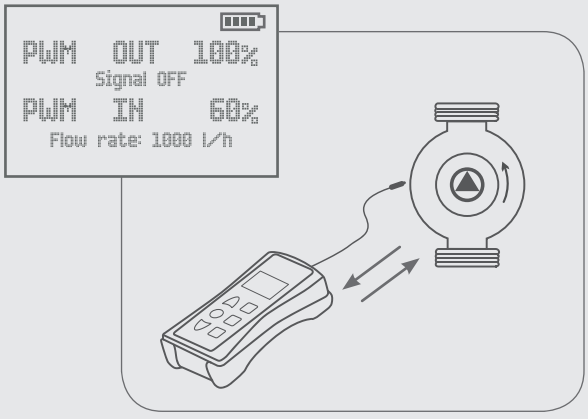
Simulating PWM/0-10 V signals

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



Testing PWM/0-10 V signals

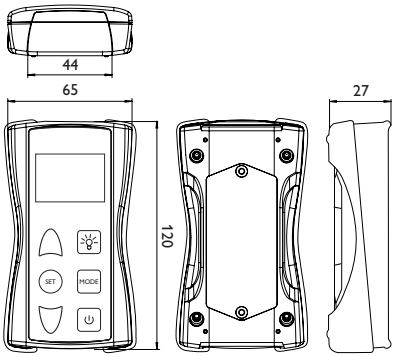
- Suitable for all devices with PWM/0-10 V outputs
- Precise measuring of:
  - PWM voltage
  - PWM frequency
- Easy fault diagnostics



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/0-10 V

Outputs: PWM/0-10 V

PWM frequency: 40 ... 2000 Hz

Measuring range: 0 ... 15 V

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

Functions: measuring and generating a PWM or 0-10 V 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: 18 V class I / EN 61010

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 120 × 65 × 27 mm

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