RESOL®
CONTROL TECHNOLOGY


# HE-Check

Testing device for PWM and 0-10 V signals

With the HE-Check, the function of the pump and the signals of the controller can be checked quickly and easily.

- Measures and generates PWM signals in a frequency range from 40 to 2000 Hz
- Intuitive operating concept
- Ergonomic design
- Easy fault diagnostics
- Including a set of measuring and signal cables for different pumps and controllers
- Including a practical storage bag

## 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 buttons
**Ingress protection:** IP 54 / EN 60529
**Overvoltage category:** CAT I 18 V / EN 61010-1
**Ambient temperature:** 0 … 40 °C
**Degree of pollution:** 2
**Maximum altitude:** 2000 m above MSL
**Relative humidity:** 10 … 90 %
**Dimensions:** 120 x 65 x 27 mm

# HE-Check – Calibration service

Calibration of your RESOL HE-Check device will take 3 working days. The device will be completely calibrated and set back to factory settings.

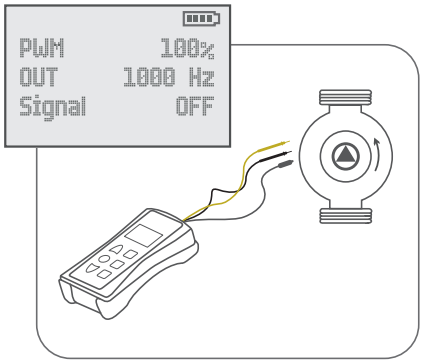
Advantages and service offer at a glance

- Complete calibration of the device
- Traceable calibration according to ISO 9001
- Software updates free of charge
- Battery change

| Article no. | Article | Price bracket |
|---|---|---|
| 280 016 50 | HE-Check – Testing device for PWM and 0-10 V signals | B |
| 112 122 02 | HE-Check – Calibration service | C |

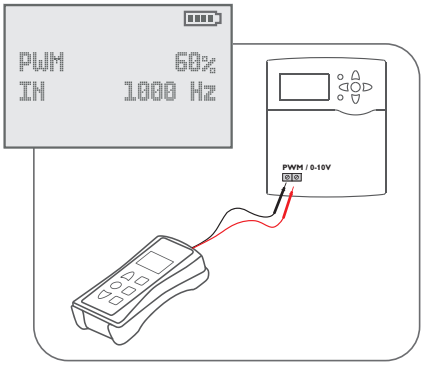
HE pump control

# Generates and measures PWM and 0-10 V signals



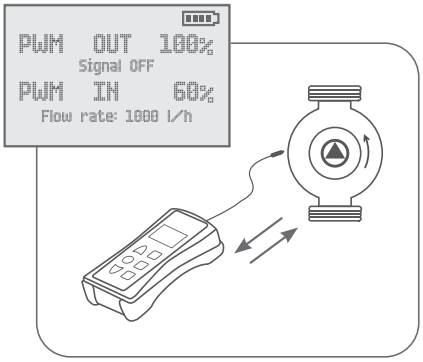

## Simulating PWM / 0-10 V signals

- 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