



# E-Waterlevel (Wired)

High precision water level sensor for every motorhome or caravan

Traditional water level sensors often only show four water levels (25%, 50%, 75%, 100%), this is an outdated limitation in today's world where consumers expect precise and real-time information from apps and digital displays.

E-Trailer introduces the **E-Waterlevel (wired)**: a **high-precision, fully linear, capacitive sensor** that measures exact percentages (e.g., 63% = 63%). This sensor is designed especially for caravan and motorhome manufacturers. It offers accurate, reliable, water level monitoring, fully in line with modern customer expectations.

## Key benefits for manufacturers:

### 1. High accuracy

A very accurate measurement can be communicated to the end consumer, as the E-Waterlevel (wired) can measure every percentage. It is suitable for use in both grey water and fresh water tanks.

### 2. Limescale (Kalkablagerung) resistant

Traditional 5-pin sensors suffer from limescale buildup due to resistance-based measurement, reducing accuracy over time. The E-Waterlevel (wired) uses capacitive sensing to prevent this.

### 3. Customizable in every way

The product length can be chosen with 1 mm accuracy (lengths between 100 and 1000 mm are possible). E-Trailer will fully calibrate and test the product before shipment

## E-TRAILER'S PARTNERS:

Hobby

HYMER

ERIBA

büster

Dethleffs

LMC

TRIGANO

CARAVEL

Challenger

sterckeman

CHAUSSEN

RAPIDO

SMV

carado

Sunlight

kulba

KNOTT

SARAWANNING

GADRIA

KABE



E-TRAILER

#### 4. Variable diameters

With its 27 mm diameter, the E-Waterlevel fits any tank. Adapters are available for larger openings. It mounts with 5 screws or a nut, secured by two silicone rings. The sideways cable connection requires just 16 mm above the tank, saving space.



#### 5. Analog or Digital

The E-Waterlevel (wired) offers digital (PWM) or analog (0–2V, 0–5V, 0–supply) output, making it compatible with any hub, EBL, or display. This means no other E-Trailer products are required. Up to 3 E-Waterlevel (wired) sensors can be connected to the E-Trailer Starter Package Advanced.

#### 6. Cost effective

The E-Waterlevel (wired) offers precise insights, especially when the tank is nearly empty or full, enhancing the user experience. It's designed for caravan and motorhome manufacturers with a focus on competitive pricing.

#### 7. Certification

E-Waterlevel (wired) is supplied with the KTW-BWGL certificate (drinking water approval). Also the sensor is approved according to ECE-R10 (E-Mark), CE and UKCA.

#### 8. Proven quality

E-Waterlevel (wired) is developed, produced and calibrated by E-Trailer in the Netherlands. The product is trusted by numerous leading brands in the caravan and motorhome industry.

## About E-Trailer

E-Trailer develops smart solutions for caravans and motorhomes, supplying major brands like Hymer, Dethleffs, Hobby, Rapido, and Adria. With in-house design and production, we offer fully customizable hardware and software.

Are you interested about E-Waterlevel (wired) and would you like to know more? Contact us at **+31 6 426 565 47** or **info@e-trailer.nl**.