

# LEVEL INDICATOR

PCE-WLC 10



- » **Measurement range up to 8 m / 26.2 ft H<sub>2</sub>O**
- » **Accuracy  $\pm 0.5\%$  FS**
- » **Suitable for submersible installation**
- » **Sensor housed in a robust stainless steel casing**
- » **Output 4 ... 20 mA**
- » **Alarm relay**
- » **LED display 80 x 160 mm / 3.1 x 6.3 in**

The level indicator offers a reliable and precise solution for measuring liquid levels in a wide variety of applications. With a measuring range of 0 to 8 m / 0 ... 26.2 ft H<sub>2</sub>O, the level gauge is ideally suited for use in deep wells, rivers, lakes, canals, reservoirs and coastal monitoring applications up to a water depth of 8 m / 26.2 ft. The high accuracy of  $\pm 0.5\%$  FS ensures precise measurement results even under demanding conditions. Thanks to its robust design with a stainless steel housing and durable cable material, the level indicator is resistant to abrasion, oil, acids and alkalis.

The flexible submersible installation allows for use in both static and flowing media. The long-term stability of  $\pm 0.2\%$  FS per year ensures consistently reliable measurement results. The display is operated with a supply voltage of 24V DC and is designed for connection to sensors with a 4-20 mA output signal. It also features a 4-20 mA analogue output, which enables easy processing of the measured values in higher-level control systems.

Four alarm relays (ALL, AL, AH, AHH) are available for monitoring limit values, allowing individual switching points to be set for different liquid levels. All settings can be conveniently adjusted directly via the control buttons on the display, ensuring quick and easy commissioning. The level indicator is ideally suited for applications in water management, wastewater treatment, irrigation, water diversion and industrial liquid monitoring.

## Specification

Sensor	
Designation	PCE-WLC-5
Measurement range with	0 ... 8 mH <sub>2</sub> O
Accuracy	±0.5% FS
Battery type	Hydrostatic
Output	4 ... 20 mA
Housing	Titanium alloy
Cable length	10 m
Additional description	Operating temperature: -10 to 70°C / 70 to 316°F Medium temperature: -30 to 65°C / -22 to 149°F
Power supply	12 ... 30 V DC
Protection class	IP68
Dimension	L: 90 mm x Ø 28 mm

General technical data	
Inputs	4 ... 20 mA
Input (additional information)	For entrance areas and further details, see instructions.
Outputs	Relay, 4 ... 20 mA
Outputs	Relay changeover contact 24V / 5 A
Display type	LED
Alarm modes	4-way relay (AHH, AH, AL, ALL) with LED display Alarm limits adjustable on the controller
Protection class (device)	IP65
Power supply	24 V DC
Operating conditions	0 ... 50 °C, 0 ... 85 % RH
Storage conditions	-20 ... 70 °C, 10 ... 90 % RH
Dimensions ( L x W x H )	95 x 80 x 160 mm
Weight	337 g