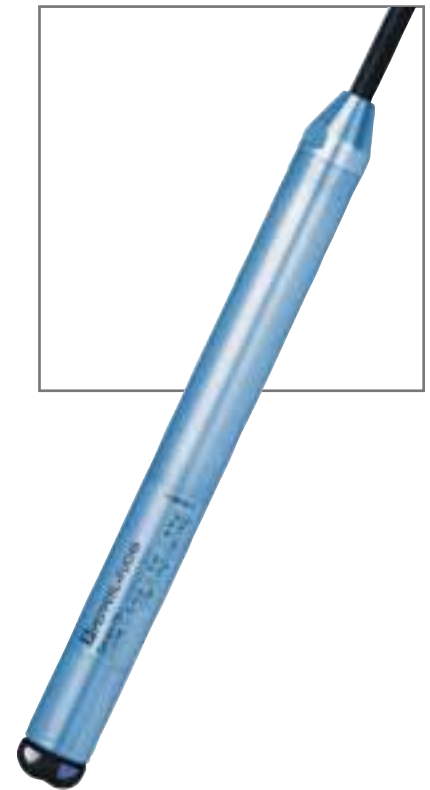


**LEVEL PROBE –  
OFFERS BIG PERFORMANCE  
AT A LITTLE PRICE**



# HYDROSTATIC FILLING LEVEL MEASUREMENT OF FRESH WATER, DRINKING WATER AND WASTEWATER

## THIS ONE STAYS WATERPROOF WHEN IT'S WET.

One outstanding feature of these level probes is their mechanical and electrical durability. The embedded electronics, a heavy-duty conical cable seal and a 2-filter system guarantee a perfect seal resistant to any climatic conditions. Highly accurate ceramic pressure sensors with longterm stability guarantee reliable and secure filling level measurement. With an external diameter of 22 mm, integrated temperature sensor and extensive drinking water certificates, the level probe is ideally suited for fresh water and drinking water applications. The front-flush ceramic measuring cell also allows reliable applications of the level probe in wastewater. With extensive measurement accessories, like display, power supply and evaluation device, solutions for all typical applications in fresh water and wastewater are guaranteed.

## MEASUREMENT PRINCIPLE

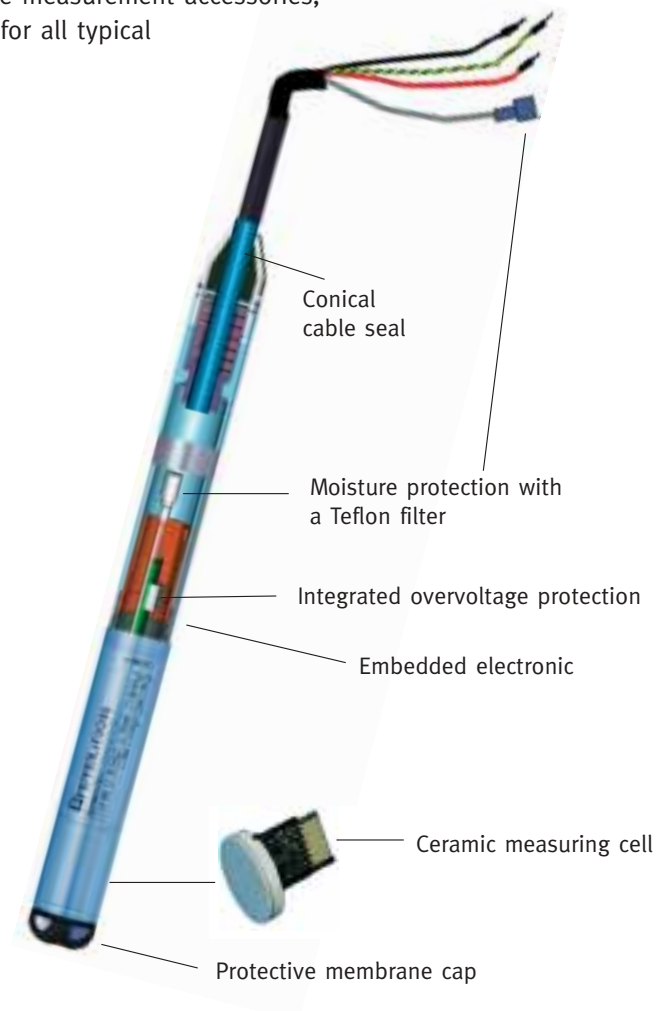
Hydrostatic pressure measurement. The pressure of the liquid column is converted into a filling level signal in proportion to the height with a ceramic capacitance measuring cell.

## FEATURES

- Sturdy, high-precision measurement cell
- Measurement ranges:
  - o bar ... 0.1 bar to
  - o bar ... 20 bar
- Accuracy better than 0.2 %
- IP68 embedded electronics
- 22 mm probe diameter
- Integrated overvoltage protection
- Electrical interfaces: 4 mA ... 20 mA
- Optional temperature measurement using PT100
- ATEX (EExia); CSA; FM approval
- Process temperature -10 °C ... 70 °

## ACCESSORIES

- Anchoring clamps
- Cable screw connection
- Connection box



[www.pepperl-fuchs.com](http://www.pepperl-fuchs.com)

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