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OTT Water Quality Buoy

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Buoy used to measure water quality parameters



The OTT measuring buoy is specially designed for operation in combination with the HYDROLAB HL7 or HL4 multiparameter sondes. It is equipped with a data acquisition and remote data transmission unit as well as a mains-independent solar power supply. Compared to conventional buoys, the multiparameter probe is mounted laterally in a pipe on the OTT measuring buoy. This eliminates the need to open the buoy during maintenance and calibration work, allowing tasks to be easily done from a small boat. To help reduce bio-fouling for longer maintenance intervals the HYDROLAB HL7 sonde is equipped with a central cleaning brush and a copper measuring cap.

- Produkt Highlights: Stand-alone water quality measurement buoy solution
- Parameters measured: Temperature, Conductivity, Depth, pH, Dissolved Oxygen (LDO), Turbidity, ORP, Blue-Green Algae, Chlorophyll a
- Communication: Cellular

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Compact, turn-key, and convenient:

- Easy maintenance – access the multiparameter probe through at the buoy laterally mounted pipe - no need to open the buoy for maintenance
- Long-term deployment – anti bio-fouling through central cleaning brush
- Powerful IP datalogger providing efficient power management.
- Remote data transmission IP-Com

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