Buoy used to measure water quality parameters

- **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

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.

MB 1000	
Diameter	approx. 1.050 mm
Height of the buoy incl. radar reflector	approx. 2.000 mm
Total weight	approx. 180 kg
Construction steel plate (2 mm), hollows filled with 2K-PUR foam	
Standard paint yellow	

Incl. lid for an easy access to the electronic	
Incl. 2 solar panels (12V/25W)	
Incl. 3 solid anchor	

MB 1400	
Diameter	approx. 1.400 mm
Height of the buoy incl. radar reflector	approx. 2.200 mm
Total weight	approx. 360 kg
Construction steel plate (2 mm),	
hollows filled with 2K-PUR foam	
Standard paint yellow	
Incl. lid for an easy access to the electronic	
Incl. 3 solar panels (12V/25W)	
Incl. 3 solid anchor bars)	
Measured parameters:	Temperature, Conductivity, Depth, pH, Dissolved Oxygen (LDO), Turbidity, ORP, Blue-Green Algae, Chlorophyll a