



OTT CBS Compact Bubbler Sensor, 15 m, 2/4 mm or 4/6 mm Tubing, High Accuracy

Product #: 63.200.001.9.22

USD Price: Contact Hach

The OTT CBS is a compact, accurate, and low power bubbler sensor for surface water level monitoring. The OTT CBS meets or exceeds USGS standards for accuracy, and will not drift over time. It features outputs for SDI-12 and 4...20 mA.

Accurate

Meets and exceeds USGS guidelines for water level accuracy, and will not drift over time.

Complete solution

Combining the CBS with an EPS-50 bubble chamber reduces the influence of wave action and prevents unnecessary noise in your data.

Low maintenance

No desiccant, pump maintenance, or lubrication required.

Easy-to-start/install

All programming can be completed using DIP switches; connect into existing platforms using 3/8" O.D. or 4mm O.D. measuring tube (no adapters required).

Compact size

Small and powerful pump motor generates the required volume of air to perform measurement.

Specifications

*Parameters Measured:	Water Level
Accuracy:	0 - 15 ft (0 - 4.5 m): ± 0.01 % 15 - 50 ft (4.5 - 15.2 m): ± 0.065 % of measurement value or 0.02 ft (6 mm), whichever is less (USGS OSW Specification)
Interface:	4 - 20 mA, SDI-12, SDI-12 via RS-485
Level Accuracy:	USGS OSW Accuracy
Measuring Range:	0 - 50 ft (0 - 15 m)
Number of orifices:	1
Operating Temperature Range:	-4 - +140 °F (-20 - +60 °C)
Orifice Fitting Size:	2/4 mm; 4/6 mm
Power Consumption:	Measuring interval 15 min: typ. 25 mAh/day
Power Supply:	10 - 30 V DC, typically 12/24 V DC
Protection Class:	IP 43
Resolution:	0.01 ft; 0.001 psi (1 mm; 0.1 mbar)

Standard storage temperature:

-40 - +185 °F (-40 - +85 °C)