

OTT CBS Compact Bubbler Sensor, 30 m, 2/4 mm or 4/6 mm Tubing, Standard Accuracy

Product #:	**63.200.001.9.23**
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:	±0.016 ft (±5 mm)
Interface:	4 - 20 mA, SDI-12, SDI-12 via RS-485
Level Accuracy:	±0.016 ft (±5 mm)
Measuring Range:	0 - 98 ft (0 - 30 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)