

TDS (Total Dissolved Solids) Mini Controllers Measuring up to 49.9 ppm

BL 983324 is a panel mounted TDS controller, designed for easy installation, configuration and maintenance.

The meter is provided with a dosing relay, activated when the TDS reading exceeds the setpoint value.

Measurements are automatically compensated for temperature variations and shown on the large display.

A multicolored LED on the front panel continuously indicates if the minicontroller is in measurement, dosing or alarm mode.

Wiring and external device connections are extremely simple to perform through the terminals on the rear of the instrument.

You can also choose automatic or manual dosing mode with a switch on the front panel. Manual control is particularly useful during maintenance operations, because it permits you to enable or disable the dosing relay according to your need.

The overtime control system advises you when the relay is active for too long, helping to prevent overdosage.

Two models are available, with power supply input at 115/230 Vac or 12 Vdc.



Specifications

| | BL 983324-0 | BL 983324-1 |
|--------------------------|---|----------------------|
| Range | 0.0 to 49.9 ppm | |
| Resolution | 0.1 ppm | |
| Accuracy (@20°C/68°F) | ±2% f.s. | |
| TDS Conversion Factor | 0.5 | |
| Probe (not included) | HI 7634-00 | |
| Temperature Compensation | automatic, 5 to 50°C (41 to 122°F) with $\beta=2\%/^{\circ}\text{C}$ | |
| Calibration | manual, with CAL trimmer | |
| Dosing Relay | 1, max 2A (fuse protected), 250 Vac, 30 Vdc contact closed when reading exceeds setpoint value | |
| Setpoint | adjustable from 0 to 49.9 ppm | |
| Overtime | adjustable, typically from 5 to approx. 30 minutes | |
| Power Supply | 12 Vdc adapter (included) | 115/230 Vac, 50/60Hz |
| Dimensions | 83 x 53 x 99 mm (3.3 x 2.1 x 3.9") | |
| Weight | 200 g (7.1 oz.) | 300 g (10.6 oz.) |

Ordering Information

BL 983324-0 is supplied complete with mounting brackets, transparent cover, 12 Vdc power adapter and instructions.

BL 983324-1 is supplied complete with mounting brackets, transparent cover and instructions.

Accessories

| | | | |
|------------|---|-----------|------------------------------|
| HI 7634-00 | EC/TDS probe with internal temperature sensor and 2 m cable | HI 710005 | 115 Vac/12 Vdc power adapter |
| | | HI 710006 | 230 Vac/12 Vdc power adapter |
| HI 7061L | Cleaning solution, 500 mL | HI 740146 | Mounting brackets |