

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