

## BL982411 ORP Mini Controller

- Easy to handle
- Fire-retardant casing
- Selectable overdose protection system
- Splash-resistant cover



The BL982411 is an ORP mini controller for panel mounting, specially designed for swimming pools and spas. Thanks to its compact size, the BL982411 can be installed in small spaces. This controller is the ideal solution for those who have always checked ORP manually. With its automatic dosing, this mini controller will significantly reduce maintenance time.

The BL982411 can be used with any ORP electrode with a standard BNC connector. The status LED continuously indicates if the controller is in measurement, dosing or alarm mode.

The BL982411 is also provided with a relay for selecting the dosing direction, oxidizing or reducing.

Users can choose automatic or manual dosing mode with a switch on the front panel. Manual control is particularly useful during maintenance operations, because it permits operators to enable or disable the dosing relay according to need. The overtime control system advises users when the relay is active for too long, helping to prevent overdosage.

### Specifications BL982411

|                       |   |
|-----------------------|---|
| Range                 | 0 to 1000 mV  |
| Resolution            | 1 mV  |
| Accuracy (@25°C/77°F) | ±5 mV   |
| Calibration           | manual, with CAL trimmer  |
| Dosing Relay          | maximum 2A (fuse protected), 250 Vac, 30 VDC  |
| Dosing Selection      | reducing or oxidizing, selectable on the back panel<br>contact open=reductant dosage=relay ON if measure > setpoint<br>contact closed=oxidant dosage=relay ON if measure < setpoint |
| Setpoint              | adjustable, from 0 to 1000 mV   |
| Overtime              | adjustable, typically from 5 to approximately 30 minutes  |
| Input Impedance       | 10 <sup>12</sup> Ohm  |
| Power Supply          | BL982411-0: 12 VDC adapter (included);<br>BL982411-1: 115/230 VAC; 50/60Hz  |
| Dimensions            | 83 x 53 x 99 mm (3.3 x 2.1 x 3.9")  |
| Weight                | BL982411-0: 200 g (7.1 oz.);<br>BL982411-1: 300 g (10.6 oz.)  |
| Ordering Information  | BL982411-0 (12 VDC) and BL982411-1 (115/230V) are supplied with mounting brackets, transparent cover and instruction manual.  |
| Recommended Probe     | HI2001 PVDF body ORPelectrode with 1/2" NPT thread, BNC connector and 3 m (9.8') cable for continuous flow-thru monitoring (not included).  |

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