

## Mini Controllers: BL 932700



### ORP Mini Controller with 4-20 mA Recorder Output

- May be installed next to tanks or vats
- Ideal for many applications
- May be set automatically for reducing or oxidizing dosage

BL 932700 is an ORP mini controller that has been designed for easy, affordable installation in tight spaces, ideal for simple yet effective process control. Thanks to its compact size, BL 932700 can be installed right next to tanks or vats. This versatile controller is ideal for use with many applications, such as ORP monitoring bleaching processes, waste water treatment and swimming pools. BL 932700 permits automatic control of installations previously checked manually. The instrument can be set for reducing or oxidizing dosage. It measures in the  $\pm 1000$  mV range, with 1 mV resolution. Setpoint adjustment and calibration are simply performed through trimmers on the front panel. 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. In addition, this model features a 4-20 mA analog output for recorder connection. Two models are available, with power supply input at 115/230 Vac or 12 Vdc.

BL 932700-0 is supplied complete with mounting brackets, transparent cover, 12 Vdc power adapter and instructions. BL 932700-1 is supplied complete with mounting brackets, transparent cover and instructions.

#### Available Accessories:

- HI 7020L** | 200-275 mV test sol, 500 mL
- HI 7022L** | 470 mV test sol, 500 mL
- HI 7091L** | Reducing solution, 500 mL
- HI 7092L** | Oxidizing solution, 500 mL
- HI 70300L** | Electrode storage sol, 500 mL
- HI 7061L** | Electrode cleaning sol, 500 mL
- HI 710005** | 115 Vac/12 Vdc power adapter
- HI 710006** | 230 Vac/12 Vdc power adapter
- HI 740146** | Mounting brackets

#### Resources:

- BL 932700** [Instruction Manual](#)

#### Specifications:

<b>Range</b>	$\pm 1000$ mV
<b>Resolution</b>	1 mV
<b>Accuracy (@20°C/68°F)</b>	$\pm 5$ mV
<b>Calibration</b>	manual, with CAL trimmer
<b>Dosing Relay</b>	1, max 2A (fuse protected), 250 Vac, 30 Vdc
<b>Dosing Selection</b>	reducing or oxidizing
<b>Setpoint</b>	adjustable from -1000 to 1000 mV
<b>Overtime</b>	adjustable, typically from 5 to approx. 30 minutes
<b>Recorder Output</b>	4-20 mA, accuracy $\pm 0.20$ mA, 500 Ohm max load
<b>Input Impedance</b>	$10^{12}$ Ohm
<b>Power Supply</b>	12 Vdc adapter (included); 115/230 Vac; 50/60Hz
<b>Dimensions</b>	83 x 53 x 99 mm (3.3 x 2.1 x 3.9" □ □)
<b>Weight</b>	200 g (7.1 oz.); 300 g (10.6 oz.)