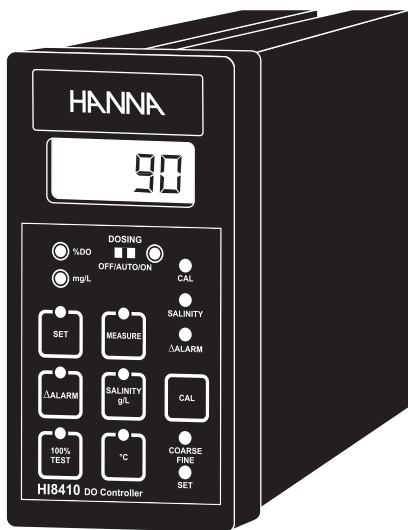


# Instruction Manual

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## HI8410 Dissolved Oxygen Process Controller



## SPECIFICATIONS HI8410

<b>Range</b>	0.0 to 50.0 mg/L (ppm) O <sub>2</sub> 0 to 600 % O <sub>2</sub> -5.0 to 50.0 °C
<b>Resolution</b>	0.1 mg/L or 1% (O <sub>2</sub> ) / 0.1 °C
<b>Accuracy</b>	±1% of reading (O <sub>2</sub> ) ±0.2 °C excluding probe error
<b>Calibration</b>	Manual, one point, in saturated air
<b>Temp. Compensation</b>	Automatic, from -5 to 50 °C (23 to 122 °F)
<b>Salinity Compensation</b>	0 to 51 g/L (resolution 1 g/L)
<b>Probe (not included)</b>	HI76410/4 with 4 m cable or HI76410/10 with 10 m cable
<b>Recorder Output</b>	0 to 20 mA or 4 to 20 mA (isolated)
<b>Setpoint Relay and Alarm Relay</b>	1, isolated, 2A, Max. 240V, resistive load, 1,000,000 strokes
<b>Setpoint Range</b>	5 to 600 % O <sub>2</sub> 0.5 to 50.0 mg/L (ppm) O <sub>2</sub>
<b>Alarm Range</b>	0.5 to 5.0 mg/L (ppm) O <sub>2</sub>
<b>Hysteresis Range</b>	0.5 to 2.4 mg/L (ppm) O <sub>2</sub>
<b>Dosing Control</b>	OFF/AUTO/ON with selection switch
<b>Over Dosing Control</b>	Adjustable, from 5 min to 60 min with knob or Disable by wire strap - on real panel
<b>Backlight</b>	Continuous ON
<b>Power Supply</b>	115 or 230 Vac; ± 10% (user selectable); 60/50 Hz
<b>Enclosure</b>	Black anodized aluminum body; front and back with ABS; transparent splash-proof front cover
<b>Environment</b>	-10 to 50 °C (14 to 122 °F); RH 95%
<b>Panel Cutout</b>	141 x 69 mm (5.6 x 2.7")
<b>Weight</b>	1 kg (2.2 lb.)

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