

HI 8615

ORP Transmitters

with 4-20 mA Galvanically Isolated Output



HI 8615L with LCD

“-01” models feature range extension in order to be connected to the new design of our HI 8512 and HI 8720 controllers.

SPECIFICATIONS	HI 8615	HI 8615L	HI 8615-01	HI 8615L-01
Range	±1000 mV; 4–20 mA		±1999 mV; 4–20 mA	
Resolution	1 mV			
Accuracy (@20°C/68°F)	±5 mV; ±0.2 mA			
Calibration	offset: ±100 mV; ±0.8 mA slope: 90 to 110%; ±0.8 mA			
Input Impedance	10 ¹² Ohm			
Recorder Output	4-20 mA (isolated)			
Protection	IP 65			
Power Supply	18-30 Vdc	20-36 Vdc	18-30 Vdc	20-36 Vdc
Load	max 500 Ohm			
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing			
Dimensions	165 x 110 x 90 mm (6.5 x 4.3 x 3.5")			
Weight	1 kg (2.2 lb.)			

ORDERING INFORMATION

HI 8615 and **HI 8615-01** is supplied complete with instructions

HI 8615L and **HI 8615L-01** (with display) is supplied complete with instructions

SOLUTIONS

HI 7020L 200-275 mV ORP test solution, 500 mL

HI 7091L Pretreatment Reducing solution, 500 mL

HI 7092L Pretreatment Oxidizing solution, 500 mL

ACCESSORIES

HI 6054B Electrode holder for in-line applications

HI 8427 pH / ORP electrode simulator

HI 931001 pH / ORP electrode simulator with display

Ideal for Aggressive Environments

The HI 8615 has been designed for transmitting ORP measurements from remote locations in industrial environments.

This improved transmitter features two controls (one for 4 mA and one for 20 mA) to compensate for electronic drift and ambient temperature.

The HI 8615 uses a universal BNC socket for quick and secure connection of any ORP electrode with a BNC connector.

An IP65 rating and a rugged ABS casing provide optimum protection even in harsh environments making this instrument ideal for chromium hexavalent reductions and water sanitation. The transmitter can be connected to HANNA meters HI 8512, HI 8720 or any recorders, computers or data monitor that accepts 4 to 20 mA input.

Four versions are available, HI 8615 without an LCD, and the LCD version, HI 8615“L”. HI 8615“L” allows easy verification and monitoring of measured values, and is easier to calibrate and maintain.

The HI 8615-01 and HI 8615L-01 are the same as HI 8615 and HI8615L respectively, but with a range extension in order to be connected to the new design of HI 8512 and HI 8720 controllers.

- Universal BNC connector for quick connections
- Rugged ABS casing
- Loop Powered
- Available with or without LCD



HI 8615 without LCD