

HI 8615N • HI 8615LN

ORP Transmitters with 4-20 mA Galvanically Isolated Output



HI 8615LN with LCD



HI 8615N without LCD

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

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

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, PC's or data monitors that accept 4 to 20 mA input.

HI 8615"L" versions allow easy verification and monitoring of measured values and is easier to calibrate and maintain.

SPECIFICATIONS	HI 8615N	HI 8615LN
Range	±1999 mV; 4-20 mA	
Resolution	1 mV; 0.01 mA	
Accuracy (@20°C/68°F)	±5 mV; ±0.02 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	IP65	
Power Supply	18-30 VDC	20-36 VDC
LCD display	-	yes
Load	max 500 Ohm	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Dimensions	165 x 110 x 71 mm (6.5 x 4.3 x 2.8")	
Weight	1 kg (2.2 lb.)	

ORDERING INFORMATION

HI 8615N and HI 8615LN (with display) is supplied with instructions.

SOLUTIONS

- HI 7020L ORP test solution @200-275 mV,
 HI 7091L Reducing pretreatment ORP solution, 500 mL
 HI 7092L Oxidizing pretreatment ORP solution, 500 mL

ACCESSORIES

- HI 6054B In-line electrode holder
 HI 8427 pH / ORP electrode simulator
 HI 931001 pH / ORP electrode simulator with display

For a complete list of Solutions, see the end of Conductivity Section 6.