



Peak Performance

HI 8936 is our redesigned conductivity transmitter that utilizes a 4-ring potentiometric probe. This probe is virtually immune to contamination by unclean solutions. This allows the transmitter to operate at peak performance at all times.

Temperature effects are compensated for by utilizing both the built-in temperature sensor on the probe and the transmitter's ATC circuitry with a β of 2%/°C.

Direct connection of the probe to the transmitter assures a positive electrical connection with no signal loss over long distances.

Two versions are available, HI 8936 without an LCD, and the LCD version, HI 8936"L". HI 8936"L" allows easy verification and monitoring of measured values, and is easier to calibrate and maintain.

The HI 8936 series should be used in conjunction with the HI 7635 in-line probe or HI 7638 platinum probe (see Process Electrodes and Probes).

The HI 8936 series requires external power to the 4-20 mA current loop.

- Utilizes HANNA's potentiometric 4-ring conductivity probe
- 4-ring probe
- Automatic temperature compensation
- Direct probe connection eliminates signal loss
- Available with or without LCD
- Use in conjunction with HI 7638 or HI 3001 platinum conductivity probes



A, B, C, and D without LCD



AL, BL, CL, and DL with LCD

SPECIFICATIONS	HI 8936A HI 8936AL	HI 8936B HI 8936BL	HI 8936C HI 8936CL	HI 8936D HI 8936DL
Range	0.0 to 199.9 mS/cm	0.00 to 19.99 mS/cm	0 to 1999 μ S/cm	0.0 to 199.9 μ S/cm
Resolution	0.1 mS/cm	0.01 mS/cm	1 μ S/cm	0.1 μ S/cm
Accuracy (@20°C/68°F)	\pm 2% F.S. (excluding probe error)			
Calibration	manual, 2 point, with offset and slope trimmers			
Temperature Compensation	fixed or automatic from 0 to 50°C (32 to 122°F) with β =2%/°C			
Conductivity Probe	HI 7635 for in-line applications or HI 7638 for tank (not included)			
Calibration	Manual, 2 point, through offset and slope trimmers			
Recorder Output	4-20 mA, not isolated, max 500 Ohm			
Protection	IP 65			
Power Supply	without LCD: 12-30 Vdc; with LCD: 17-36 Vdc			
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

All HI 8936 models are supplied complete with instructions.

SOLUTIONS

- HI 7030L 12880 μ S/cm solution, 500 mL
- HI 7031L 1413 μ S/cm solution, 500 mL
- HI 7033L 84 μ S/cm solution, 500 mL
- HI 7034L 80000 μ S/cm solution, 500 mL

- HI 7035L 111800 μ S/cm solution, 500mL
- HI 7039L 5000 μ S/cm solution, 500 mL

ACCESSORIES

- HI 731326 Calibration screwdrivers (20 pcs)
- HI 779/P 6-wire cable (100 m/330' roll)
- HI 8733 Portable conductivity meter with ATC