



HI983307

EC Monitor

- Automatic Temperature Compensation (ATC)
- Water-resistant

This water-resistant EC monitor is the result of customer requests for accurate, affordable process monitoring with low maintenance.

HI983307 is supplied with a direct two-pin probe and 2 m (6.6') cable with a ½" thread for flow-thru mounting. The probe has a temperature sensor to automatically compensate against temperature changes from 5 to 50°C (41 to 122°F) with a β of 2% per degree.

In the measurement mode, a red LED will warn the user in the event the reading is outside of the alarm interval. A front trimmer allows manual one-point calibration. The electrical circuitry is tightly sealed inside the water-resistant enclosure. This EC monitor can be installed anywhere quickly and easily with the casings molded eye. The 12 VDC power supply allows continuous monitoring over extended periods of time.

Specifications

HI983307

EC	Range	0.00 to 9.99 mS/cm
	Resolution	0.01 mS/cm
	Accuracy (@25°C/77°F)	±2% F. S.
Additional Specifications	Calibration	manual, one-point, through trimmer
	Calibration Solution	HI70039
	Temperature Compensation	automatic, 5 to 50°C (41 to 122°F) with β =2%
	Setpoint	0.70 to 3.50 mS/cm
	Alarm	red LED blinks when measured value differs from set point more than ±0.20 mS/cm
	Probe (included)	HI7632/2 with 2 m (6.6') cable and ½" thread for in-line installation
	Power supply	12 VDC adapter (included)
	Environment	0 to 50°C (32 to 122°F); RH max 100%
	Dimensions	86 x 110 x 43 mm (3.4 x 4.3 x 1.7")
Weight	215 g (7.6 oz.)	
Ordering Information	HI983307-01 (115V) and HI983307-02 (230V) are supplied with HI7632/2 EC/TDS probe, calibration screwdriver, 12 VDC adapter and instructions.	

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