OWL 500

Product Specifications

Type: *Single-Channel Process Signal - DC Current*

GENERAL SPECIFICATIONS

Size:	60 mm x 48 mm x 19 mm (2.4" x 1.9" x 0.7")
Weight:	54 grams (1.9 ounces)
Case Material:	Noryl® plastic
Operating Limits:	-40 to 70°C (-40 to 158°F) and 0 to 95% RH (non-condensing)
Battery:	3.6 volt Lithium
Resolution:	8-bit (1 part in 256)
Mounting:	Magnetic backing or lock eyelet
Clock Accuracy:	+/- 2 seconds per day
Sampling Methods:	Continuous (First-in, First-out)*, Stop When Full **First-in, First-out not available with sample rates faster than 8 seconds*
PC Requirements:	IBM PC or 100% compatible with at least one free serial port, 2 MB of RAM memory, and 2 MB of hard disk space
Software Requirements:	TrendReader® 2 *(compatible with Windows® 2000, and XP)*
Communication:	Optical data transfer; data can be transmitted through glass, water, or any transparent medium up to 25 mm (1") away

Memory Size:	32 KB *(capable of storing up to 32,767 readings)*
Sampling Rates:	User selectable from 5 per second to once every 12 hours
Number of Channels:	One external DC current channel

Input Range:	0 to 24 mA DC maximum
Input Impedance:	100 Ohm
Accuracy:	+/- 1% of full scale

The OWL 500 data logger is a rugged and versatile data logger that records the popular 4-20mA process signal with ease and convenience. This logger is ideal for monitoring (through commercially available transducers) a wide variety of measurement parameters. All DC current process signals can be converted into custom engineering units using the simple equation editor of ACR's TrendReader® software.



Warranty

Internal Battery:	**10 Years**
Data Logger:	**3 Years**

Applications

Monitoring pressure, wind speed, battery voltage, flow, tank levels , etc.

Model#:	**Cat#:**
OWL-500 PLASTIC	01-0254