

4501 Pump Station Monitor – Specification

Size (HxWxD):	3.75 x 3.75 x 7.1 in. (9.5 x 9.5 x 18.1 cm)
Weight:	1.4 lbs. (0.63 kg)
Material:	Polyphenylene oxide
Enclosure:	Standard ¼ DIN; Portable protective enclosure with carrying handle is optional
Power:	12V DC, 250 mA
Storage Temperature:	-40 to 140°F (-40 to 60°C)
Operating Temperature:	0 to 140°F (18 to 60°C)
Display:	Backlit liquid crystal, 2 lines, 32 characters
Keypad:	membrane, 4 position
Data Storage and communication	
Capacity:	29,000 events maximum
Storage Mode:	Rollover
Program Memory:	Battery backed RAM; can be updated via interrogator port without opening the enclosure
Data Retrieval:	Direct RS-232 connection, Optional internal telephone modem
Data Analysis:	Isco Pumplink Software (compatible with Windows 95, 98, 2000, NT, and XP)
Flow Measurement Accuracy:	±1% totalized flow, ±8% cycle to cycle typical (Does not include errors in wetwell measurements. With Pumplink software ±5% cycle to cycle is typical)
Relay Outputs:	2 normally open, rated 1A at 30V DC or 0.3 A at 125V AC, one proportional to outflow, one activated based on minimum and maximum analog inputs and abnormal pump capacity
Pump Inputs:	3, rated 12 to 120V AC or DC
Connection:	Anything that turns on or off when the pumps are activated
Analog Outputs:	2 proportional to inflow and outflow rates, 4 to 20 mA into a maximum of 400 ohms
Digital Inputs:	4, rated 12 to 120V AC or DC
Analog Inputs:	8 single-ended mixed with (optional) 4 differential, individually selectable 4 to 20 mA or 0 to 5 V