



Flow Monitor Signet 5500

- Analog visibility and digital accuracy
- Backlit LCD display
- Simple push-button operation
- Independently calibrated flow and totalizer displays
- Two 8-digit totalizers
- Programmable alarms
- Scalable 4 to 20 mA



The SIGNET 5500 Flow Monitor is a feature-packed monitor covering a wide range of applications. Dual totalizers are calibrated independently of the digital analog flow rate. Expand the communication range of the system by connecting peripheral equipment to the isolated frequency out, the alarm contact outputs, or the 4-20 mA current output. Packaged in a slim-line housing with NEMA 4X shatter-resistant front panel, the 5500 is the most sophisticated analog monitor available.

Specifications

Operating Range	0.5 Hz to 10kHz, optically isolated
Power Requirements	12 to 24 VAC or 12 to 24 VDC, unregulated, 50-60 Hz, 10W max.
Display	
Analog	Slide-in dials 0-2, 4, 6, 8, 10 or 100
Digital	Backlit 2 x 16 character alphanumeric LCD
Current Output	4 to 20 mA, non-isolated, internally powered
Loop Impedance	350 Ω max. @ 12V, 950 Ω max @ 24V
Accuracy	\pm 0.1%
Update Rate	100 msec.
Alarm Contacts	
Two SPDT relays	5A @ 30 VDC, 5A @ 125 VAC, or 3A @ 250 VAC max.
	Hi/Lo/Pulse programmable with adjustable hysteresis
Additional Functions	Sensor Pulse, Count pulse, Remote totalizer reset
Operating Conditions	
Operating Temperature	14 to 131°F
Relative Humidity	0 to 95%, non-condensing
Accuracy	\pm 0.5% of reading
Materials	
Enclosure	ABS Plastic, NEMA 4X/IP65
Keypad	Silicone rubber
Panel and Case Gasket	Neoprene
Window	Hard-coated polycarbonate
Immunity	EN50082-2
Emissions	EN55011
Safety	EN61010-1
Quality Standards	CE, CSA, UL

Ordering Information

ITEM	DESCRIPTION
3-5500	5500 Flow Monitor Reversible dial face kit included (0-2, 4, 6, 8, 10 and 100)
3-5000.395	Splashproof Back Cover Kit
3-5000.598	Mounting Bracket
3-5000.399	Retrofit Adapter Kit
3-9000.392	Liquid Tight Connector Kit

