

AquaSensors AV88 AnalogPlus universal analyzer

For challenging process applications

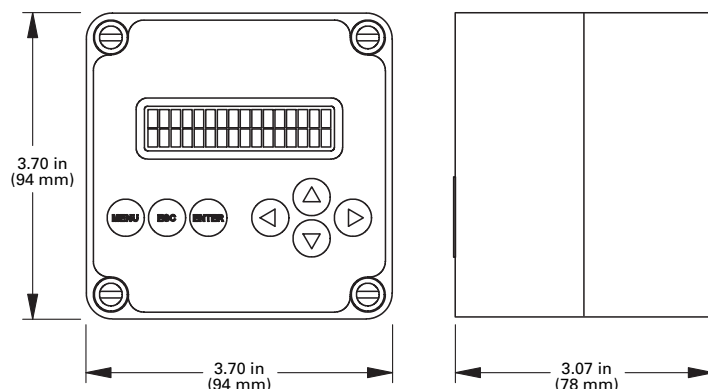
Thermo Scientific™ AquaSensors™ AV88 AnalogPlus™ series universal analyzer

- Connects to any AnalogPlus sensor using plug-in module
- Convenient ¼ DIN enclosure
- Display sensor and temperature data
- Menu functions: Calibration, configuration and diagnostics
- Two 4 to 20 mA current outputs
- Two Form C relays for alarm, control and wash
- 7 conduit knockouts for easy cabling

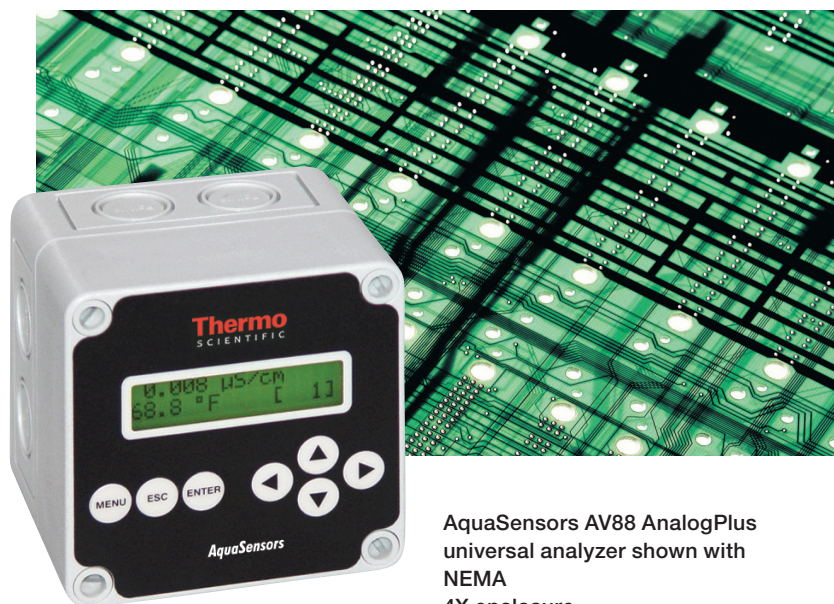
Features and benefits

Mounting options

- Enclosure, NEMA 4X
- ½ DIN NEMA 4X panel mount
- Display only with NEMA 4X gasket



AquaSensors AV88 Universal Analyzer Module Mounted to Enclosure with NEMA 4X Seal ¼ DIN, Dimensions in Inches (mm)



AquaSensors AV88 AnalogPlus universal analyzer shown with NEMA 4X enclosure

Interface

- Display: 2 line by 16 character LCD
- Backlight: High contrast green
- Keypad: 4 directional arrows, MENU, ESCAPE and ENTER

Environmental conditions

- Ambient operating temperature range: -20 to 65°C
- Maximum relative humidity: 95% non-condensing
- Meets CE requirements for heavy industrial use

AquaSensors AV88 AnalogPlus universal analyzer

Global support

With experience that comes from supporting our customers for over 35 years throughout the world, our water quality specialists and customer support teams offer a quick, thorough and professional response to any problem encountered.

Focus on user benefits

We work closely with you to define your needs and help ensure that you are using the monitor in a way that will help maximize the benefits of the monitor. For more information, contact your local water quality specialists or visit:

thermofisher.com/water

Ordering information

AV88 AnalogPlus universal analyzer specifications

Description	Cat. No.
Universal analyzer	AV88-v-w-x-y-z
Measurement parameter (v)	A = pH
	B = ORP
	C = Conductivity
	D = Resistivity
	E = Toroidal conductivity
	F = Dissolved oxygen (ppm)
	G = Dissolved ozone
	K = pH for combined sensors
	L = Contacting conductivity (for 0.1 cell constant)
	M = Resistivity (for 0.05 cell constant sensors)
	N = ORP (for combination sensors)
Enclosure (w)	B = ¼ DIN NEMA 4X wall-mount enclosure
Communications (x)	0 = None
Relays (y)	C = Two
Power (z):	1 = 24 VDC
	2 = 100 to 240 VAC

Consult factory for additional configurations and accessories.

AV88 AnalogPlus universal analyzer specifications

Mounting options	Wall-mount enclosure: NEMA 4X
	Panel-mount: ¼ or ½ DIN NEMA 4X panel mount available
	Display only: With NEMA 4X gasket X00000
User interface	Display: 2 line by 16 character LCD
	Backlight: High contrast green
	Keypad: 4 directional arrows, MENU, ESCAPE and ENTER
Environmental conditions	Ambient operating temperature range: -20 to 65°C
	Maximum relative humidity: 95% non-condensing
Interchangeable sensor modules	A 1-inch long personality module plugs in to the AV88 to make it work with any AnalogPlus sensor configured with a PT1000 temperature element
Supported sensors	pH, ORP, two electrode conductivity, two electrode resistivity, toroidal conductivity, dissolved oxygen and dissolved ozone
4 to 20 Milliamp current output options	Two isolated outputs (standard)
	Assignable parameters
Relays	Two 1 amp Form C relays with NO and NC contacts
	Assignable parameters
	Configured for alarm, control and timer functions
Power supply	Input: 10 to 30 VDC or 100 to 240 VAC (optional)
	Output: 2 W at 25 °C
Approvals	Meets CE requirements for heavy industrial use

Australia: (613) 9757-4300 **In Australia:** (1300) 735-295 **China:** (86) 21-6865-4588
Germany: (49) 6184-90-6321 **India:** (91) 22-4157-8800 **Japan:** (81) 045-453-9175
North America: 1-978-232-6000 Toll Free: 1-800-225-1480 **Singapore:** (65) 6778-6876

Find out more at thermofisher.com/water

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