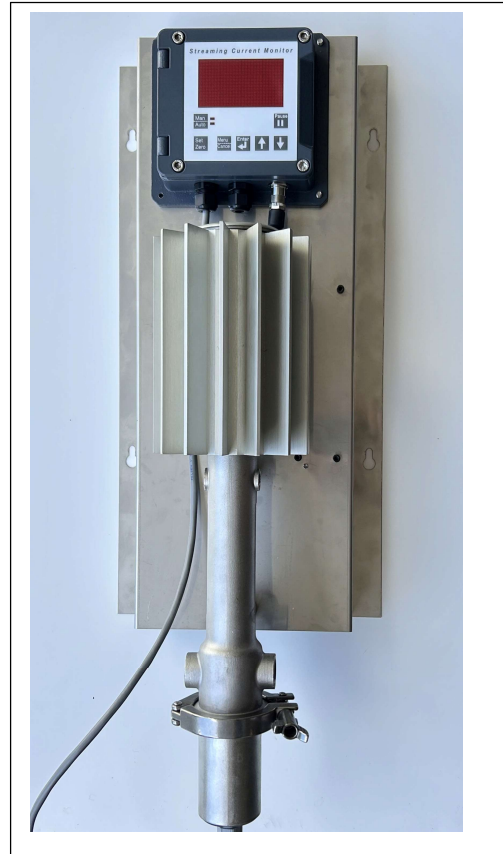


# AF9000 STREAMING CURRENT MONITOR

**Applications**  
• Drinking Water



**Toughness and reliability with Frictionless Linear Drive (Patent Pending) that won't quit means you'll know when to respond.**

## **Heavy Duty Construction with Serious Durability In Mind**

Built with 316 Stainless Steel, the AF9000 is made for 24/7 monitoring of your source water.

## **Frictionless Linear Drive Built for the Long Haul**

With a typical actuator performing over 949 million strokes in a single year, the frictionless linear drive (patent Pending) system design provides confidence that your monitor can go the distance with no wear and no maintenance.

## **The Industry's Fastest Response to Source Water Changes**

The AF9000 has a 1-second response to any source water changes. The ability to react immediately to any change that occurs keeps control in your hands.

## **An Open and Uncomplicated Design Saves You Time**

A simple and straightforward design allows for easy routine maintenance, saving you time so you can focus on other parts of your facility.

## **Auto Zeroing in Under 5 Seconds**

No complicated steps in confirming your monitors' accuracy—the AF9000 zeroes immediately with the push of a button.

## Specifications\*

<b>Compliance Certifications</b>	CE, Designed to meet cETLus CSA (for UL 61010-1 & C22.2. No. 61010-1 safety standards)	<b>Relays</b>	Relay (2x); Digital; 5 A, 30 VDC resistive loads Optional: 2x 4-20mA Outputs
<b>Response Time</b>	1 sec to 1 min adjustable average	<b>Communication</b>	Modbus RS485
<b>Sample Flow Rate</b>	Variable; 2-4L/minute recommended	<b>Pollution Degree</b>	2
<b>Humidity</b>	Maximum relative humidity 95% for temperatures up to 50°C (122°F)	<b>Protection Class</b>	IP66 (Nema 4X)
<b>Sample Temperature</b>	7 at 35 °C (45 to 95°F)	<b>Power Requirements (Voltage)</b>	110/250Vac 50/60Hz Optional 24Vdc
<b>Operating Temperature Range</b>	0 to 50 °C at 95% Relative Humidity (non-condensing)	<b>Wetted Materials</b>	Stainless Steel, UHMW, Epoxy
<b>Storage Conditions</b>	-20 °C to 70 °C at up to 95% Relative Humidity	<b>Dimensions Metric (H x W x D)</b>	650 mm x 320 mm x 240 mm
<b>Connections</b>	1/2 inch BSP	<b>Weight</b>	18.5lbs. (8.5 kg)
<b>Inputs</b>	Dual digital (2x); optically isolated; switch input to 5 to 24 V	<b>Warranty</b>	1 year
<b>Outputs</b>	4-20mA; Maximum load 500 2126, electrically isolated Modbus		

*\*Subject to change without notice.*

## Ordering Information

### Instruments

<b>AF9000 - 1</b>	AF9000 SCM, 110/250Vac 50/60Hz, 4-20mA output, Modbus
<b>AF9000 - 2</b>	AF9000 SCM, 110/250Vac 50/60Hz, 4-20mA, Modbus, 4-20mA PID, 2 x OC relays
<b>AF9000 – 3</b>	AF9000 SCM, 24Vdc, 4-20mA, Modbus, suitable Solar applications
<b>AF9000 – 4</b>	AF9000 SCM, 24Vdc, 4-20mA, Modbus, 4-20mA PID, 2 x OC Relays

### Accessories

<b>AF- 765</b>	Water Connections with Auto Flush
<b>AF- 766</b>	Water Connections without Auto Flush

### Maintenance Parts

<b>AF- 759</b>	Replacement Piston
<b>AF- 756</b>	Replacement Streaming Current Sensor
<b>AF- 758</b>	Sensor Bearing / Washer Replacement Kit