

GrowControl™ SXF series precision digital sensor transmitters and controllers for inline flow and temperature feature an advanced flow sensor with no moving parts. Vortex flow meters create eddies as water flow through which are picked up and converted to a flow reading by an acoustic sensor. SXF flow meters have no moving parts and won't jam or clog with small debris and minor sludge.

Color LCD display and button interface model allows instant access to sensor readings, guided calibration, alarms, historical graphing and more. Internal memory logs over 20,000 data points per sensor. Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a complete facility control solution.

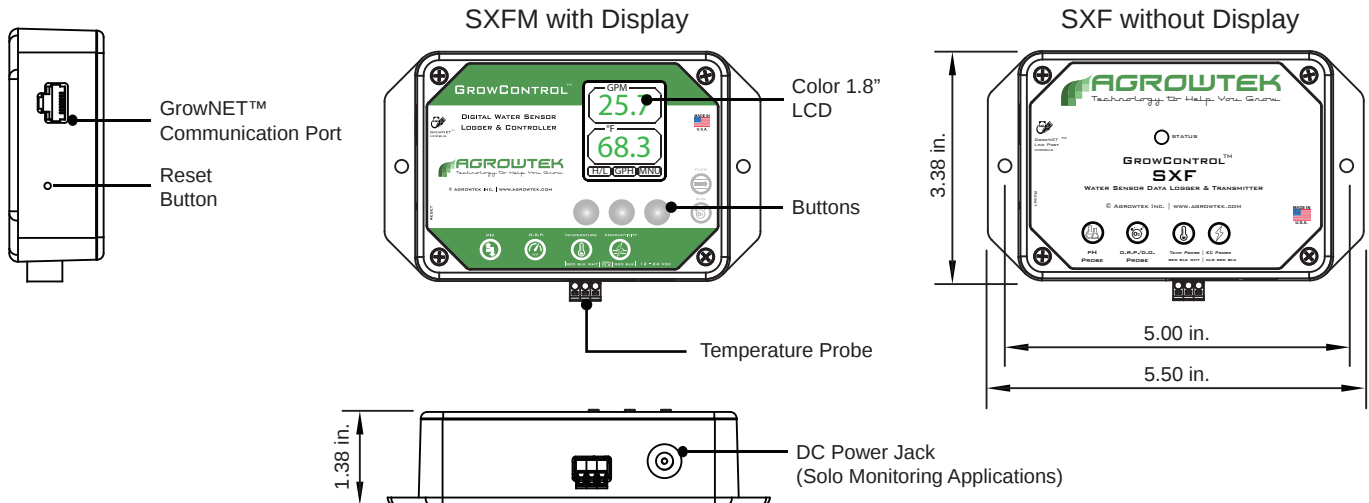
LX1 USB AgrowLink connects the GrowNET™ port to a PC with free PC software for datalog download, graphing, calibration, configuration, firmware updates, etc. LX2 ModLINK™ connects GrowNET™ devices to RS-485 for MODBUS RTU protocol communication.

*SXHF model also available with pH and conductivity sensing in addition.
Made in USA. Flow sensor made in Germany.*



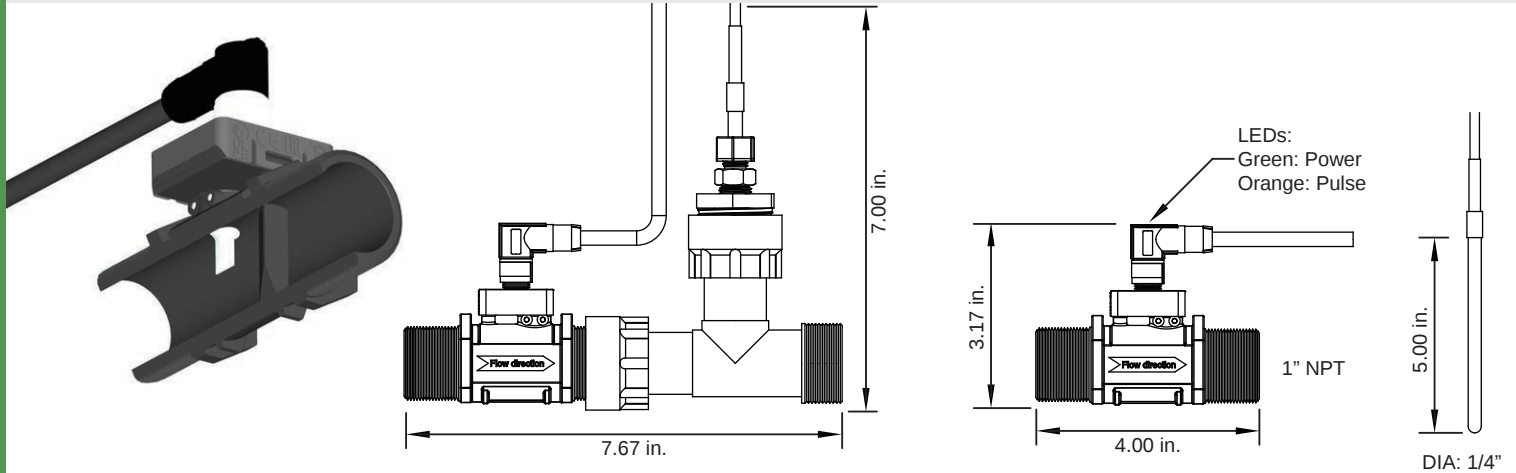
Features

-  Water Temperature
-20 - 60°C x 0.1°
-  Flow Rate
2 - 40 gpm
-  Color LCD display for sensor monitoring & graphing (*optional*)
-  Made in USA
-  GrowNET™ port for connection to AgrowDose Pumps, LX1 USB link or LX2 ModLINK
-  MODBUS RTU for industrial PLC applications
Power Input: 12-24Vdc
-  Durable splash-proof ABS plastic enclosure
Conformal coated circuit boards
-  1-Year Warranty



SXF

Precision Liquid Flow Monitor



Applications



Greenhouses & Indoor Growing Facilities



Aquarium



Analytical, Data Logging research & academic applications



Industrial Processes, PLC's



Pool & Spa



OEM & custom applicatoins

GrowControl™ GCX Controller

USB

MODBUS



Connect to GrowControl™ Cultivation Controllers for advanced functions as part of a complete facility control solution. GrowControl™ GCX systems feature intelligent control functions optimized for today's complex growing environments.

Connect GrowNET™ devices directly to a computer using the LX1 USB AgrowLINK™ and free PC software for data logging and monitoring.

GrowNET™ devices are easy to implement on PLC systems with MODBUS RTU and a LX2 ModLINK interface. Multiple GrowNET™ devices can be connected to an interface with HX8 GrowNET™ hubs.

Ordering Options

SXF M - K

Kit Includes Flow & Temperature Sensors
LCD Display & Button Interface
Precision Flow & Temperature Monitor

Optional Accessories



PBX-110
Temperature Probe
Manifold



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™