

GrowControl SXHF is a precision digital sensor transmitter for temperature, pH, conductivity and flow rate. Optional color LCD display and button interface allows instant access to sensor readings, guided calibration, alarms, historical graphing and more. Precision electronics with fully isolated probes for reliability in harsh conditions.

Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a complete facility dosing control solution. LX2 ModLINK™ connects GrowNET™ devices to industrial MODBUS RTU protocol.

Internal memory logs over 20,000 data points per sensor. Optional LX1 USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, etc. using free PC software.

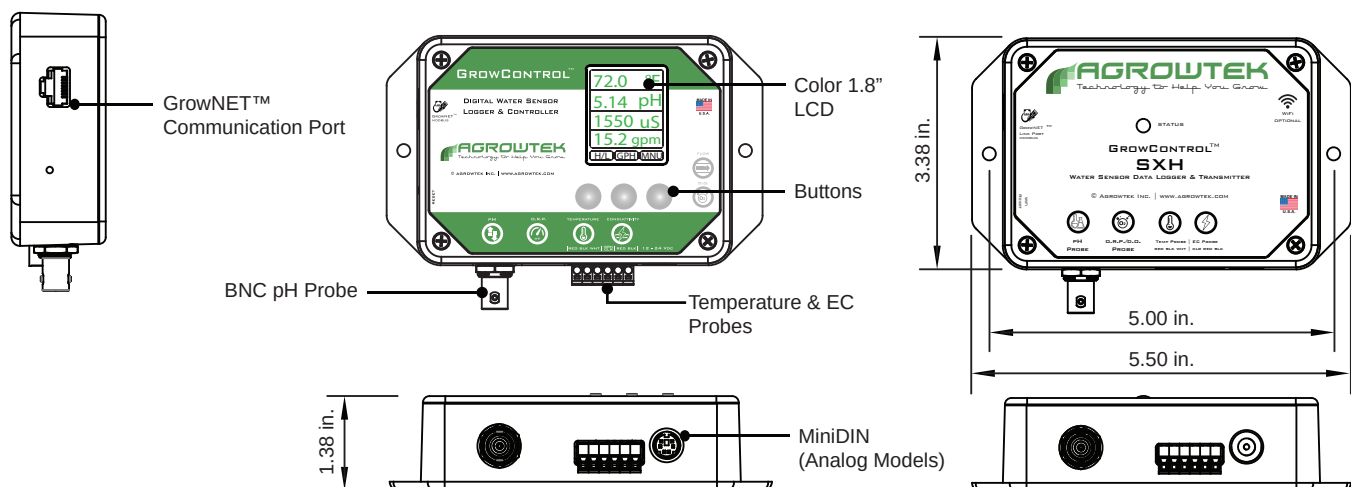


Sensors

-  Water Temperature
-20 - 60°C x 0.1°
-  Conductivity
0 - 5000uS x 10uS
-  pH
0 - 14pH x 0.01pH
-  Flow Rate
0 - 30 gpm (0-150 lpm)
-  Color LCD display for sensor monitoring & graphing *optional*
-  Real Time Clock (RTC)
Battery Backup Included

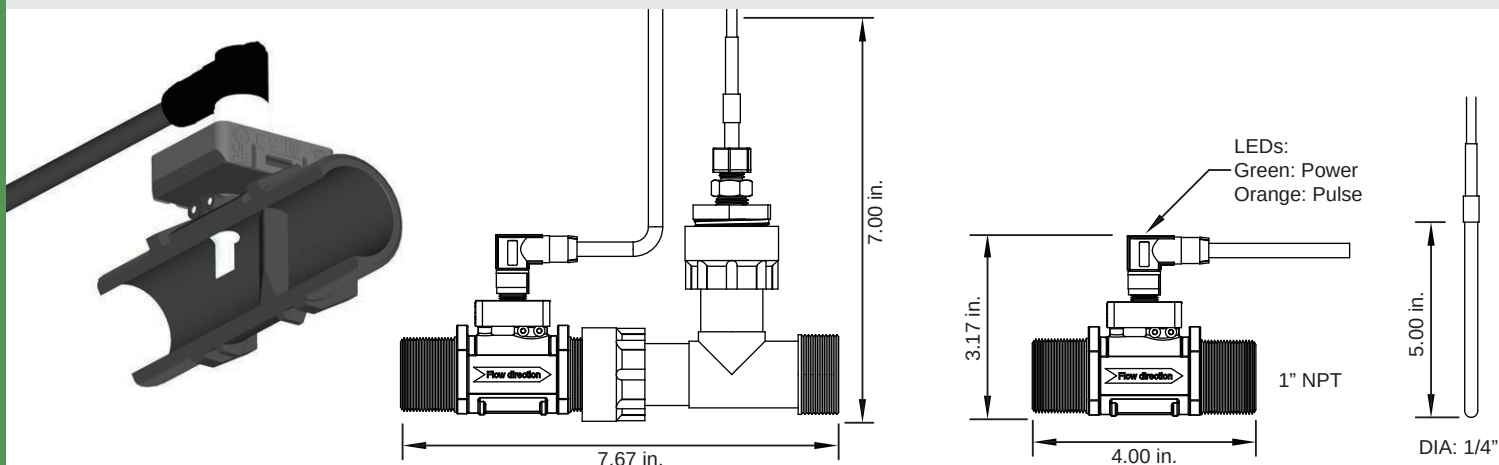
Features

-  GrowNET link for connection to AgrowDose Pumps or GrowControl™ master controller
-  MODBUS RTU for industrial PLC applications
-  Durable splash-proof ABS plastic enclosure
Conformal coated circuit boards
-  1-Year Warranty
-  Made in USA



SXHF

Hydroponics Monitor & Controller



Applications



Greenhouses & Indoor Growing Facilities



Aquarium



Analytical, Data Logging research & academic applications



Industrial Processes, PLC's



Pool & Spa



OEM & custom applications

GrowControl™ GCX Controller



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.

Mini Doser



Control up to a five-head AgrowDose ADi dosing pump with the SXHM controller (also known as the MDX dosing system.) Flow meter option allows MDX to start and stop dosing depending on flow. Use the intuitive menu interface to configure the target values, assign pumps and dose sizes, calibrate sensors and more. Simple and reliable system automatically maintains your pH and nutrient levels in a reservoir.

MODBUS



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

SXHF M - K

Kit Includes Sensor Probes
LCD Display & Button Interface
Temperature, Conductivity, pH, Flow

Optional Accessories



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™



HX8
GrowNET™
Device Hub



PBX
Plumbing
Manifolds