

VX8i digital control interface features eight (8) output channels for operating irrigation valves and motorized ball valves. Designed to operate standard 24VAC diaphragm irrigation valves or 24Vdc motorized ball valves.

Connects instantly to Agrowtek's master control systems or intelligent sensors via a GrowNET port for advanced automated control functions. GrowNET port accepts MODBUS RTU communication for PLC control.

LED indicators on the front panel provide status of each output. Rugged metal enclosure for wall mounting. Screw terminal connections and conduit knock-outs for easy electrical installation. Includes low voltage power supply for operating the valves.



Features



Eight 1-Amp Transistor Outputs with LED status indicators (5A max combined)



PWM Output for AC Valves
DC Output for DC Valves



Built-In Flyback & Transient Suppression on FET outputs



1-Year Warranty



GrowNET™ Digital Communication Port



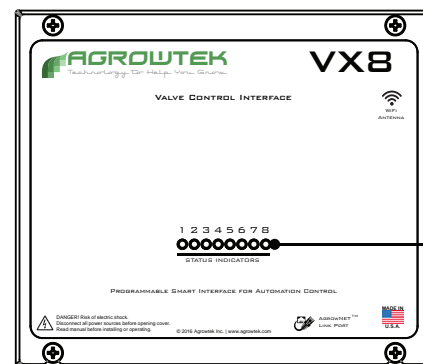
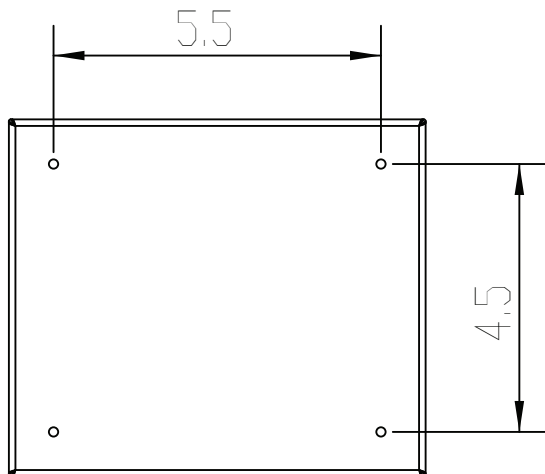
MODBUS RTU for industrial PLC applications



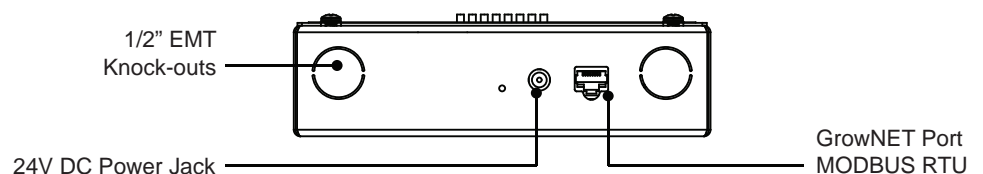
Durable powder-coated steel enclosure



Made in USA



Status LED's



Typical Applications



Irrigation Diaphragm Valves



Custom DC Equipment



Motor Actuated Ball Valves

GrowControl™ GCX Controller



Connect to GrowControl™ Cultivation Controllers for advanced irrigation functions as part of a complete facility control solution. GrowControl™ GCX systems feature intelligent control functions optimized for today's complex growing environments including multi-stage irrigation and crop steering irrigation with moisture sensor feedback.

USB



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

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

VX8i

No Options

Optional Accessories



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™



HX8
GrowNET™
Device Hub