

# Data Sheet

## ACC-CTRL-LATCHVLV24-S - Latch-valve Control module

### Description

This tech note describes the operation & technical specs of the ACC-CTRL-LATCHVLV24-S module.

A Wildeye datalogger paired with an ACC-CTRL-LATCHVLV24-S control module can remotely open & close an irrigation latch-valve. The control module sends a positively or negatively charged 24V pulse to the latching valve, in response to a predefined schedule or manual actuation from the Wildeye web portal or smartphone app.

Up to 3 ACC-CTRL-LATCHVLV24-S modules should be attached to a single Wildeye datalogger. While this is not a hard limit, it is recommended due to power & charge requirements.

Remote control capability should not replace local on/off control or any other fail-safe hardware.

### Features

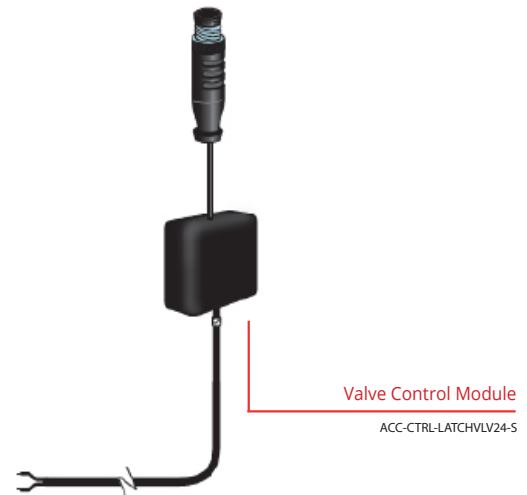
- Connect to any Wildeye "S" connector
- IP68 Waterproof
- 24V output, supporting 12-50V latching solenoids
- Programmable pulse width

### Tested latching-valves

- BERMAD: S-982-3W, S-392-2W, S-985-3W, S-402-3W
- BACCARA 2W NC, GEM-BL-9EL
- Dorot S92-2

### Output specs

▪ Open pulse	Red core + Blue core -
▪ Close pulse	Red core - Blue core +
▪ Suitable latch-valve type	2-wire
▪ Initial output voltage	24VDC
▪ Pulse width	0-255ms (configurable) 50ms (default)
▪ Output capacitor	4400µF



### Example application: Irrigation Control

