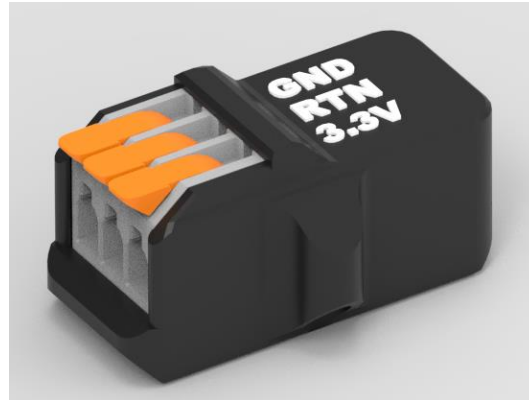




The V!NE Switch Adapter can be placed in any indoor environment. The Vine cable adaptor provides wire connection conversion between Vine Controller-connected ethernet CAT6 cable and user discreet wiring, allowing connection of user provided peripherals to the Vine Controller system. Typically, a user-supplied switch contact is connected to the adaptor. Alternatively, 3.3 VDC and GND can be connected to operate a powered sensor peripheral. The V!NE Switch Adapter can only be used with a V!NE Controller, and may not be plugged directly into a PoE+ switch (V!NE systems should not be used with standard PoE switches).

RTN is the voltage sense input to the Vine Controller. Voltage at this input is measured and processed programmatically by the Vine Controller.

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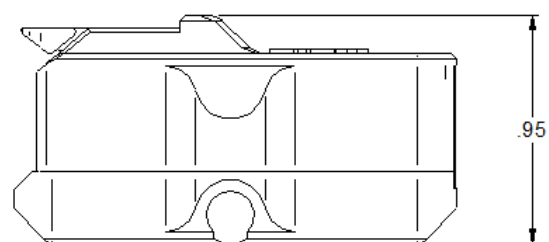
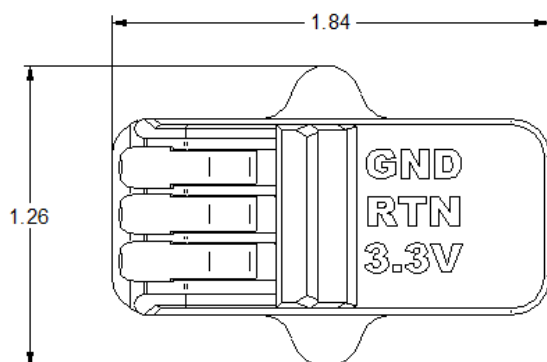
## Highlights

- Easy to install – Only requires CAT6 cable for power and data
- Lightweight
- Easy to use WAGO terminals (lever action)
- High Density Design allows up to 3 switches to be installed per V!NE Controller
- Discrete Design

## Pin Description

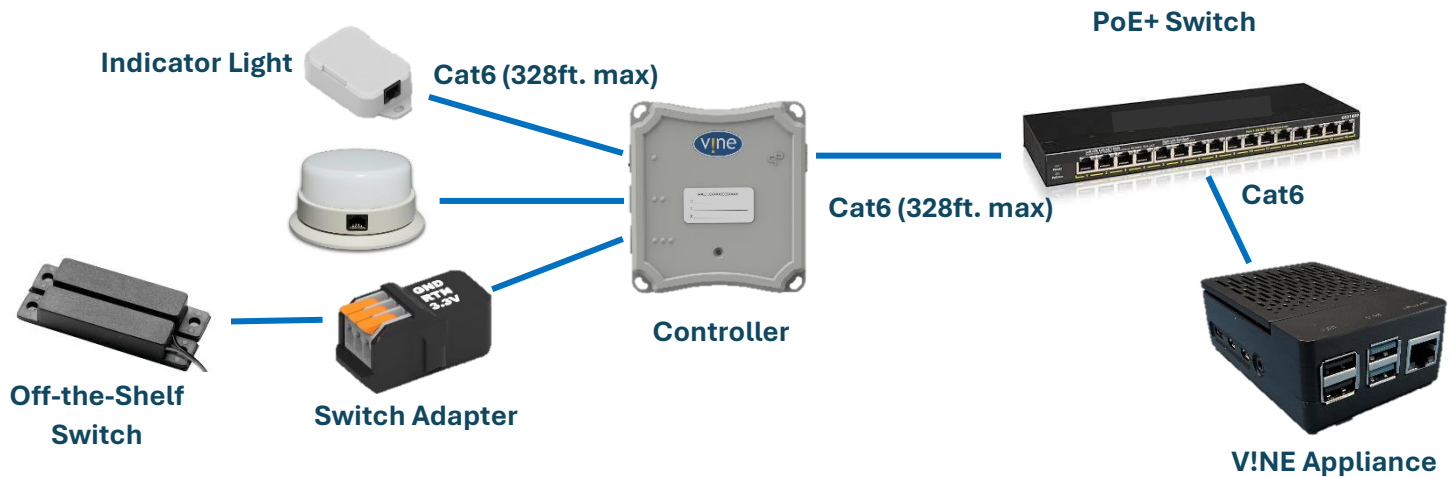
- 3.3V - Provides 3.3 VDC to switch or peripheral
- RTN - Signal input to Vine Controller
- GND - System ground

## Basic Dimensions

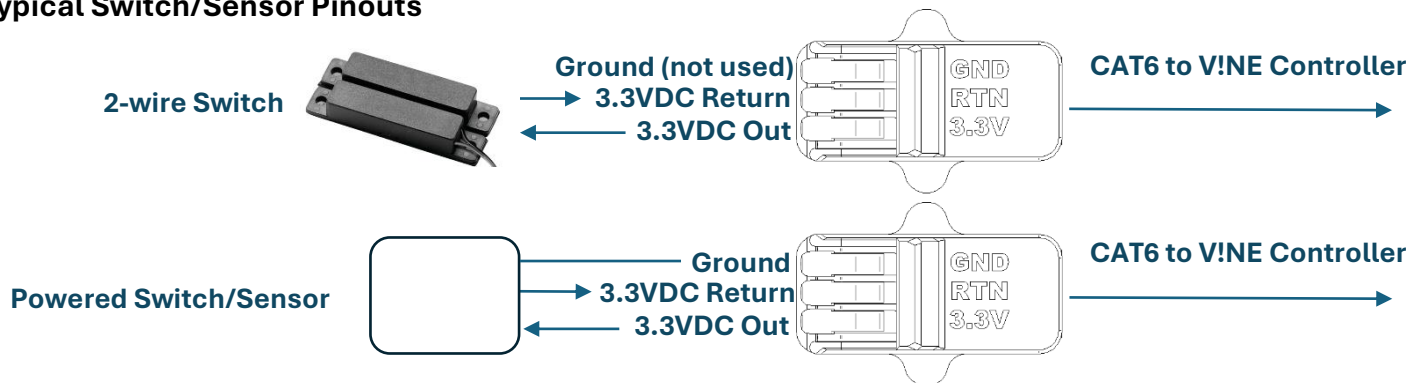




## Basic System Diagram



## Typical Switch/Sensor Pinouts



## Table of properties (electrical, mechanical, etc.)

| Physical Specifications   |                                           |
|---------------------------|-------------------------------------------|
| Dimensions (W x D x H)    | 1.8in. x 1.3in. x 1in.                    |
| Weight                    | 0.04 lbs.                                 |
| Wire Size Range (WAGO)    | 24-12 AWG, solid or stranded wire         |
| Electrical Specifications |                                           |
| 3.3V Power                | 3.3VDC +/-5%                              |
| RTN Input Voltage         | 0.0-3.3 VDC allowable input voltage range |
| RTN Input Resistance      | 330 Ohms to GND +/-5%                     |
| General Information       |                                           |
| Patent Number             | 10,701,785                                |
| Warranty and Support      |                                           |
| Hardware                  | 12-month                                  |
| Manufacturer Part Number* | *Ordering part number may vary            |
| 19A100111                 | V!NE Switch Adapter                       |