# Digital Solid-State Rotary DC Dimmer/Voltage Controller; 6-30VDC
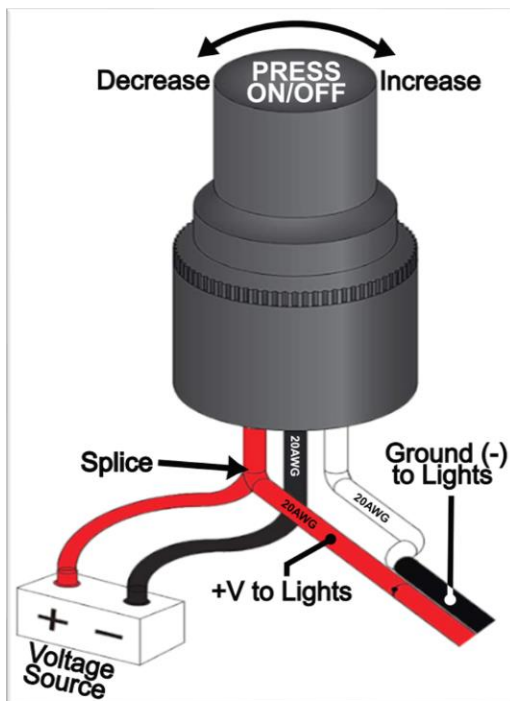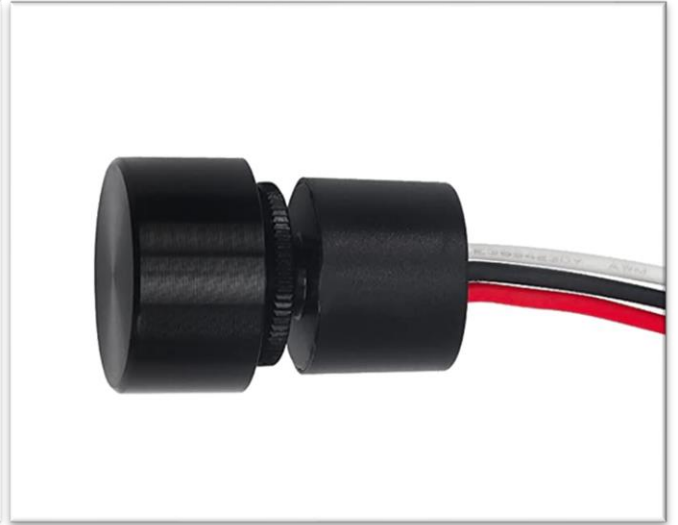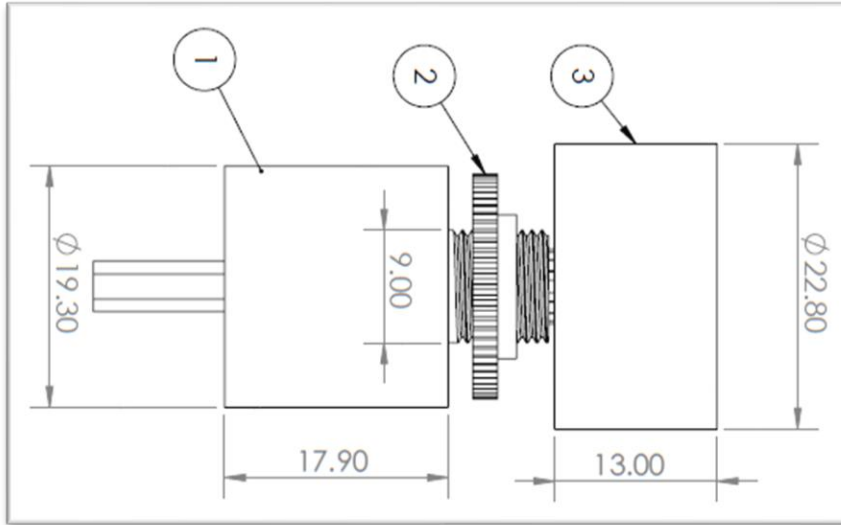




| Specification: | |
|---|---|
| **Input Voltage Range:** | 6~30V DC |
| **Output Voltage Range:** | Vin~0.3V DC |
| **Max Current Load:** | 2.0 Amps |
| **Overcurrent Protection:** | 2.50 Amps |
| **Dimming Method:** | PWM-controlled buck regulation (11.718kHz) |
| **Dimming Interface:** | Rotary Encoder; Press-ON/OFF; non-volatile output memory |
| **Preset Recall:** | Retains last user-selected dimming level |
| **Environmental:** | IP65 |
| **Through Hole Dia:** | 0.375" dia |
| **Panel Thickness (Max):** | 0.1875" |
| **Pigtail Wire Gauge:** | 20AWG |

## Operation:

1. **Initial State when power applied: OFF**
2. **Press knob to alternate ON/OFF**
3. **20-step dimming/voltage variation: Slowly rotate clockwise to increase voltage/brightness; Rotate CCW to decrease voltage/brightness**
4. **Memory: Dimmer memorizes last voltage/dimming output level status (power OFF).**