

## Wood Touch Sensor for Cabinet Lighting, 0–100% Dimming, 5V DC

### OVERVIEW

The C-SEN-T is a wood touch sensor designed for low-voltage cabinet lighting control. It mounts beneath wood, glass, or plastic surfaces, allowing the sensing area to remain concealed. A short touch toggles the light on or off; a long touch adjusts brightness up or down across a full 0–100% dimming range.

The sensor operates on 5V DC and outputs a 5V level or PWM signal compatible with dimmable LED drivers. PWM frequency is 2 kHz, and the detection distance is "d5 cm. Wire length is 1 meter. The unit is intended for dry indoor cabinet applications.

This product carries RoHS compliance.

### SPECIFICATIONS

|                      |       |                   |                    |
|----------------------|-------|-------------------|--------------------|
| <b>IP rating</b>     | IP20  | <b>Dimensions</b> | 1.3 x 0.4 x 0.7 in |
| <b>Input voltage</b> | 5 VDC |                   |                    |