

## Hand Sweep Cabinet Sensor, 5VDC, PWM/Level Output, Up to 8cm Detection

### OVERVIEW

The C-SEN-HS is a hand sweep sensing head designed for concealed or surface-mounted installation in cabinets, closets, wine cabinets, and similar enclosed lighting applications. A pendulum hand motion in front of the sensor toggles the light on or off gradually; holding the hand in place for more than two seconds initiates continuous dimming, with direction reversing on each subsequent hold.

The sensor operates on 5VDC and outputs either a 5V level signal or a PWM signal (2000 Hz) compatible with constant-voltage LED dimming power supplies. Detection range is up to 8 cm with a sensing angle of 15–30 degrees. The unit includes a 1-meter wire lead and supports both concealed installation (11 mm diameter hole) and surface mounting via the included carabiner bracket.

This product carries RoHS compliance. No additional certifications are confirmed in available documentation.

### SPECIFICATIONS

<b>IP rating</b>	IP20	<b>Dimensions</b>	32.3 x 31.5 x 13mm (EB(C)); 18 x 33 x 22.5mm (ED(C))
<b>Input voltage</b>	5 VDC		