

RANGE 05 · SWITCHES AND SENSORS · PROFILE-MOUNTED SWITCHES

Proximity Sensor Switch With Dimmer

Code **D-PR2****12/24 V**

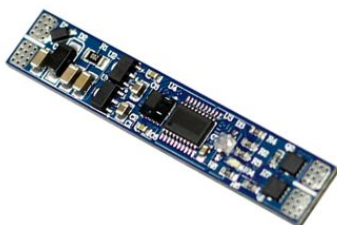
Voltage

**96 W**

Power

**55 mm**

Length



Touch-free proximity switch with dimming and 0 V memory for LED profiles: a hand passing within 18 cm switches the light, holding it dims.

FUNCTIONS

- Switches the light on and off when a hand passes over the sensor within 18 cm (without a cover).
- Input 12–24 V DC, load up to 8 A (96–192 W).
- Holding the hand over the sensor for more than a second adjusts the brightness from 3 % to 100 %.
- 0 V memory function.
- Dimensions 55 × 10 mm.
- Connections: V+ and V– input, LED+ and LED– output to the strip.

OPERATION

- Designed for LED aluminium profiles: the light is switched without touching the switch.
- An active reflective photocell sends infrared pulses and measures the reflected signal; a hand close to the sensor reverses the output state.
- The infrared light is emitted at a fixed frequency, so the sensor ignores infrared remote controls, lamps and other sources.

INSTALLATION

- Keep the distance from the PC cover to the profile between 7 mm and 50 mm.

MANUFACTURER'S DOCUMENTS

[Datasheet \(PDF\)](#)

Product page: <https://dio.lighting/products/proximity-sensor-switch-with-dimmer-37>

Values as published by dio. Where a manufacturer's datasheet is attached it is the reference; specifications may change without notice.

Availability, pricing and lead times on request.