

*Elevator Load Control Sensor*



**Installation Manual**

**PG306**

## Single-Channel Photocell Installation

### Step 1: Frame Preparation

- Drill two holes on the elevator door frame at a height of **60 to 70 cm** from the floor using a **12.5mm drill bit**.
- Push the photocell units (transmitter and receiver) into the prepared holes until they are securely positioned.

### Step 2: Cable Routing

- Route the cables for the transmitter and receiver through the door frame, using a protective conduit, and lead them to the elevator cabin top.

### Step 3: Wiring

- Connect the wires as per the wiring diagram:
  - **Transmitter Cable (White)**
  - **Receiver Cable (Black)**

Ensure the blue and black wires of each cable are correctly connected to their respective terminals.



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## Step 4: Testing

- If the wiring is correct:
  - The **green LED** will be **ON**.
  - The **red LED** will remain **OFF**.
- Block the photocell beam to ensure the **red LED** lights up, indicating proper functioning.

## Notes for Installation

Check the following if the red LED remains on:

1. Confirm all wiring connections are secure and accurate.
2. Ensure the transmitter and receiver are properly aligned.



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