

PRK 328 Retro-reflective photoelectric sensor for semi-transparent media

en 01-2013/06 50123829

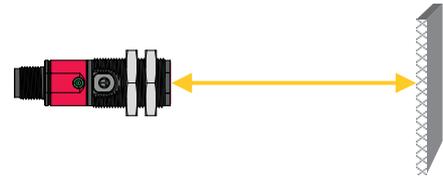
Remarks

- You can find detailed information on your sensor at www.leuze.com
Enter the **part no.** of your sensor in the "Enter search term" field and click on the desired sensor in the search results list. The detailed information on your sensor including the available downloads are displayed here.
- **Approved purpose:**
This product may only be used by qualified personnel and must only be used for the approved purpose. This sensor is not a safety sensor and is not to be used for the protection of persons.

Sensor adjustment (teach) via teach button



- **The sensor is factory-adjusted for maximum operating range.**
Recommendation: teach only if the desired objects are not reliably detected.
- **Prior to teaching:**
Clear the light path to the reflector!
The device setting is stored in a fail-safe way. A reconfiguration following voltage interruption or switch-off is thus not required.



Standard teaching for average sensor sensitivity

- Press teach button until the LED flashes **yellow**.
- Release teach button.
- Ready.



After the standard teaching, the sensor switches when half of the light beam is covered by the object.



LED **yellow** flashes at 3Hz

Teaching for increased sensor sensitivity

- Press teach button until the LED flashes **green and yellow alternately**.
- Release teach button.
- Ready.



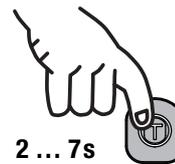
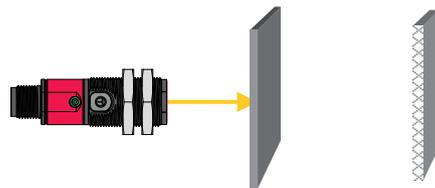
After the teaching for increased sensor sensitivity, the sensor switches when about 25% of the light beam are covered by the object.



flashes **yellow and green alternately** with 3Hz

Teaching for maximum operating range (factory setting at delivery)

- **Prior to teaching:**
Cover the light path to the reflector!
- Procedure as for standard teaching.



LED **yellow** flashes at 3Hz

Adjusting the switching behavior of the switching output – light/dark switching

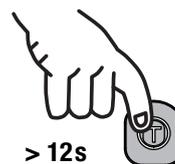
This function permits inversion of the sensors' switching logic.

- Press teach button until the LED flashes **green**.
- Release teach button.
- The LED then displays the changed switching logic for **2s**:

YELLOW Continuous light = switching outputs **light switching** (in the case of complementary sensors, Q1 (pin 4) light switching, Q2 (pin 2) dark switching), this means output active when object is detected.

GREEN Flashing light = switching outputs **dark switching** (in the case of complementary sensors, Q1 (pin 4) dark switching, Q2 (pin 2) light switching), this means output inactive when object is detected.

- Ready.



LED **green** flashes at 3Hz



2s **YELLOW** = light switching



flashes **GREEN** for 2s = dark switching

We reserve the right to make changes • PAL_Teach_PRK328_en_50123829.fm