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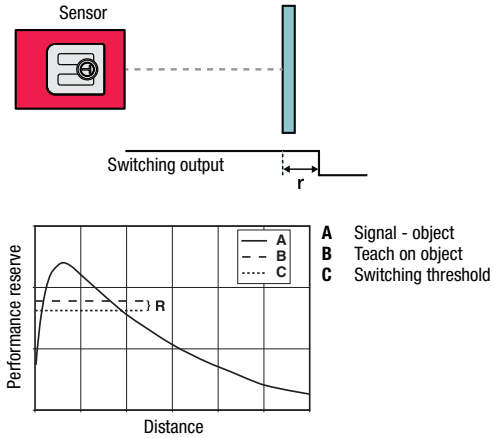
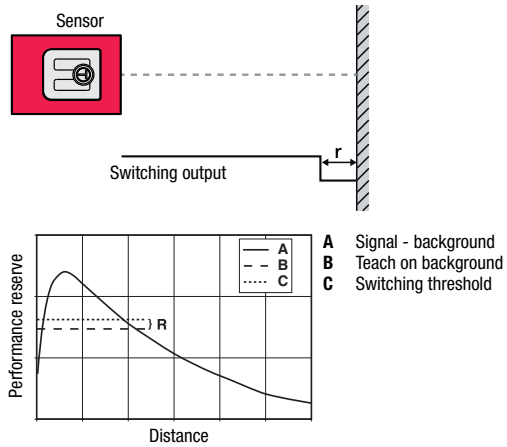
Remarks

Observe intended use!

- This product is not a safety sensor and is not intended as personnel protection.
- The product may only be put into operation by competent persons.
- Only use the product in accordance with the intended use.

- You can find **detailed information** for your sensor at **www.leuze.com**
  Enter the **"part no."** for your sensor in the **"Enter search term"** field and click on the desired sensor in the search result list. The detailed information for your sensor and for the available downloads is displayed.

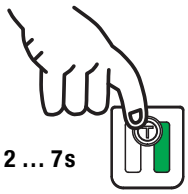
Teach-in method

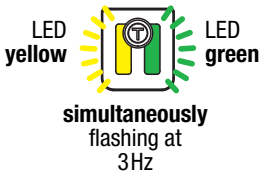
Teach	Operating level 1	Operating level 2
Standard Teach	**Teach on object:** During this teach event, the object is located in front of the sensor. The switching threshold is set by the teach so that the object is detected with a tight signal reserve **R**. Thus, the object is detected even if the distance increases by the value **r** with respect to the distance during the teach.  	**Teach on background:** This teach is only suitable for applications with a fixed background. The teach is performed directly on the background without an object. The switching threshold is set to a value that is just above the background signal (signal reserve **R**). Thus, objects can be detected up to a distance of **r** in front of the background. 

Operation via teach button

Teach in operating level 1

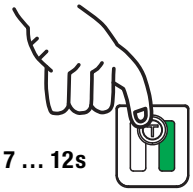
- Press teach button until both LEDs flash **simultaneously**.
- Release teach button.
- Ready.

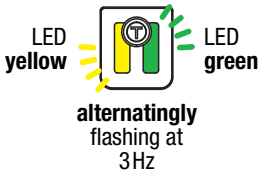




Teach in operating level 2

- Press teach button until both LEDs flash **alternatingly**.
- Release teach button.
- Ready.

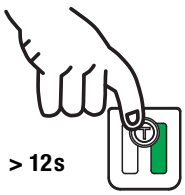


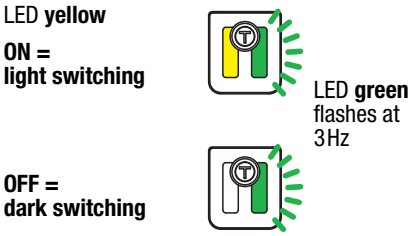


Adjusting the switching behavior of the switching output – light/dark switching

This function permits inversion of the sensors' switching logic.

- Press teach button until only the green LED flashes.
  The yellow LED then indicates the toggled switching logic:
  - **ON** = 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.
  - **OFF** = 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.
- Release teach button.
- Ready.





We reserve the right to make changes • PAL_Teach_5_28_en_50123775_01.fm

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