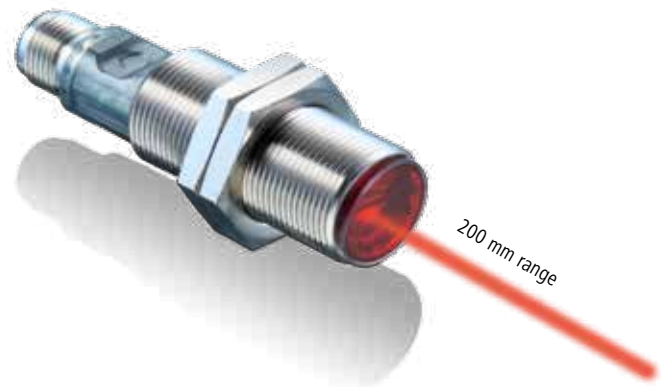


# OR18

Robust, sealed and reliable

The new OR18 photoelectric sensors from Baumer offer two sensor technologies – background suppression and *SmartReflect*® in a compact design. The robust and resistant housing allows cost-effective and reliable use in industrial environments. OR18 sensors combine functionality with simple and reliable handling for demanding applications in the packaging, installation and handling technology industries.



## Advantage Overview

- Simple and reliable setup thanks to *qTeach*®
- Comfortable, fast control of the sensor from all sides
- Precise positioning and detection of small parts thanks to Baumer's *PinPoint* LED
- Different sensor principles in a consistent housing design for a wide range of applications
- Compact design and lifelong robustness
- IP 67



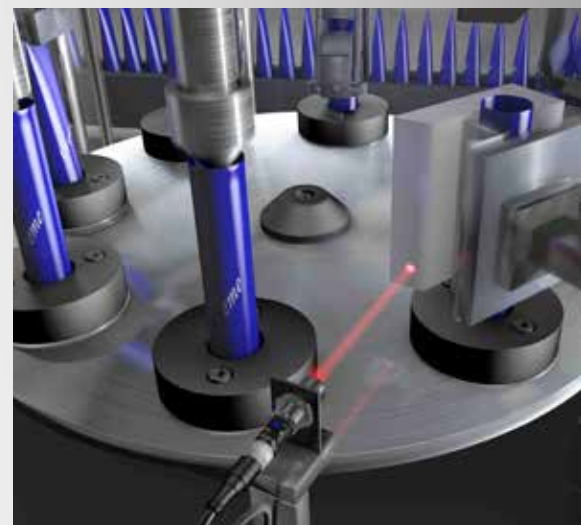
### Background suppression

- Very precise, crisp object identification, regardless of background, shape and surface finish of the object
- Application area: presence detection in industrial automation, counting of differently-colored objects

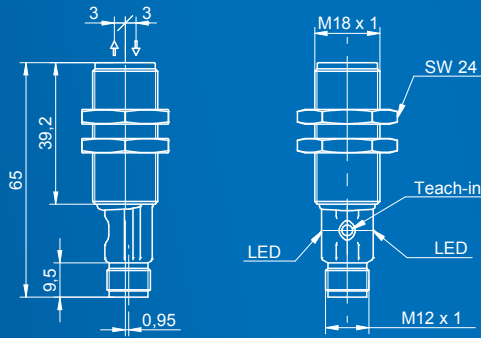
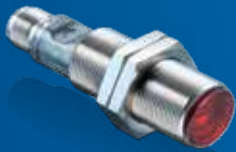


### *SmartReflect*® – the light barrier without reflector.

- The most reliable means of object identification independent of shape, color, transparency and surface texture
- Application area: object detection on conveyor belts, monitoring of flow of goods or object counting



# Product data OR18



Sensor principle	Light source	Range	Teach	Output function	Order number
Background suppression	Baumer <i>PinPoint</i> LED	20–200 mm	<i>qTeach</i> ® and extern	Push-Pull NPN PNP	OR18.GP-11128094 OR18.GP-11129327 OR18.GP-11129323
<i>SmartReflect</i> ® Light barrier	Baumer <i>PinPoint</i> LED	300 mm	<i>qTeach</i> ® and extern	Push-Pull NPN PNP	OR18.SP-11128095 OR18.SP-11129342 OR18.SP-11129340

## Accessories



Connector M12, 4 pin, straight, shielded

2 m: ESG 34AH0200  
5 m: ESG 34AH0500  
10 m: ESG 34AH1000



Connector M12, 4 pin, angular, shielded

2 m: ESW 33AH0200  
5 m: ESW 33AH0500  
10 m: ESW 33AH1000



Sensofix mounting

10151658

For more information about our OR18 sensors go to  
[www.baumer.com](http://www.baumer.com)



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