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## (cc)

## Model Number

## LA29/LK29-Z-F1/31/116-SET

Thru-beam sensor
With OMH-RLK29-HW mounting bracket

## Features

- Robust, compact photoelectric sensor for single-beam gate protection
- Very high detection range
- No measurable emitted interference on all frequencies
- Not sensitive to ambient light, even with energy saving lamps
- Adjustable timer functions
- Version with accessories in scope of delivery


## Product information

Series 29 is a range of low-cost and, most importantly, reliable photoelectric sensors for monitoring industrial doors, elevators, and automatic gates. Their high degree of protection makes them the ideal solution for tasks outdoors and at thresholds, and in harsh

## Dimensions



## Electrical connection



Indicators/operating means



## Typical applications

- Monitoring closing edges of automatic industrial doors and elevators
- Monitoring the swing range of automatic gates
- Detecting and tracking objects in material handling


## Detection area

## Accessories

OMH-05
Mounting aid for round steel $\varnothing 12 \mathrm{~mm}$ or sheet $1.5 \mathrm{~mm} . . .3 \mathrm{~mm}$

OMH-07
Mounting aid for round steel $\varnothing 12 \mathrm{~mm}$ or sheet $1.5 \mathrm{~mm} . . .3 \mathrm{~mm}$

## OMH-21

Mounting bracket
OMH-22
Mounting bracket
OMH-RLK29
Mounting bracket
OMH-MLV11-K
dove tail mounting clamp

## OMH-RLK29-HW

Mounting bracket for rear wall mounting
OMH-RL28-C
Weld slag cover model
Other suitable accessories can be found at www.pepperl-fuchs.com

## Characteristic response curve



## Relative received light strength




Light spot diameter $=f$ (Distance)




Time ${ }^{\mathrm{t}} \mathrm{ON},{ }^{\mathrm{t}_{\mathrm{OFF}}}$ and $\mathrm{t}_{\mathrm{OS}}$ are adjustable from 0.1 to 10 seconds.
The Light-/Dark-Switch (Left, outer switch) is shown in the "Dark ON" position.

| Type | Description | Notes |
| :---: | :---: | :---: |
| -Z | OFF delay timer | Adjustable time interval (0.1s - 10 s ) |
|  | one shot timer |  |
|  | ON delay timer |  |
|  | ON delay timer / OFF delay timer |  |
|  | ON delay timer / one shot timer |  |

