



## Retro-reflective sensor

OPR-FBOW/3L

Article no longer available - archive entry

Alternative articles: OA0104 or OA0105

When selecting an alternative article and accessories please note that technical data may differ!

# No scale drawing available

## Product characteristics

|               |                |
|---------------|----------------|
| Type of light | infrared light |
| Housing       | rectangular    |

## Application

|                    |                         |
|--------------------|-------------------------|
| Function principle | Retro-reflective sensor |
|--------------------|-------------------------|

## Electrical data

|                     |      |                |
|---------------------|------|----------------|
| Frequency AC        | [Hz] | 47...63        |
| Operating voltage   | [V]  | 20...250 AC    |
| Current consumption | [mA] | 14; ((24 V))   |
| Protection class    |      | II             |
| Type of light       |      | infrared light |
| Wave length         | [nm] | 880            |

## Outputs

|                                                 |      |                                          |
|-------------------------------------------------|------|------------------------------------------|
| Output function                                 |      | light-on/dark-on mode; (parameterisable) |
| Max. voltage drop switching output AC           | [V]  | 4                                        |
| Max. leakage current                            | [mA] | 6                                        |
| Permanent current rating of switching output AC | [mA] | 350                                      |
| Switching frequency AC                          | [Hz] | 15                                       |
| Short-circuit protection                        |      | no                                       |
| Overload protection                             |      | no                                       |

## Detection zone

|       |     |                                              |
|-------|-----|----------------------------------------------|
| Range | [m] | 0.15...10; (Prismatic reflector Ø 80 E20005) |
|-------|-----|----------------------------------------------|



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|                                       |     |                                              |
|---------------------------------------|-----|----------------------------------------------|
| Range referred to prismatic reflector | [m] | 0.15...10; (Prismatic reflector Ø 80 E20005) |
| Range adjustable                      |     | yes                                          |

## Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -20...80 |
| Protection          |      | IP 65    |

## Tests / approvals

|     |              |         |
|-----|--------------|---------|
| EMC | EN 60947-5-2 |         |
|     | EN 55011     | class B |

## Mechanical data

|               |      |               |
|---------------|------|---------------|
| Housing       |      | rectangular   |
| Dimensions    | [mm] | 86 x 28 x 142 |
| Materials     |      | PPO modified  |
| Lens material |      | glass         |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |
|---------|------------------|-----------------|

## Remarks

|               |  |        |
|---------------|--|--------|
| Pack quantity |  | 1 pcs. |
|---------------|--|--------|

## Electrical connection

terminals: ...1.5 mm<sup>2</sup>

## Connection

