



## Retro-reflective sensor

OLP-HPKG/US-100

Article no longer available - archive entry

Alternative articles: O5P500 + E21122

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

# No scale drawing available

## Product characteristics

|               |             |
|---------------|-------------|
| Type of light | red light   |
| Housing       | rectangular |

## Application

|                    |                         |
|--------------------|-------------------------|
| Special feature    | polarisation filter     |
| Function principle | Retro-reflective sensor |

## Electrical data

|                             |      |            |
|-----------------------------|------|------------|
| Operating voltage           | [V]  | 10...36 DC |
| Current consumption         | [mA] | < 39       |
| Protection class            |      | II         |
| Reverse polarity protection |      | yes        |
| Type of light               |      | red light  |
| Wave length                 | [nm] | 660        |

## Outputs

|                                                 |      |               |
|-------------------------------------------------|------|---------------|
| Electrical design                               |      | PNP           |
| Output function                                 |      | light-on mode |
| Max. voltage drop switching output DC           | [V]  | 2.5           |
| Max. voltage drop of function check output      | [V]  | 3.5           |
| Permanent current rating of switching output DC | [mA] | 200           |
| Short-time current rating of switching output   | [mA] | 200           |
| Switching frequency DC                          | [Hz] | 50            |



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|                                  |        |
|----------------------------------|--------|
| Short-circuit protection         | yes    |
| Type of short-circuit protection | pulsed |
| Overload protection              | yes    |

## Detection zone

|                               |                                        |
|-------------------------------|----------------------------------------|
| Range [m]                     | < 8; (Prismatic reflector Ø 80 E20005) |
| Polarisation filter available | yes                                    |

## Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -25...80 |
| Protection               | IP 66    |

## Tests / approvals

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

## Mechanical data

|                 |              |
|-----------------|--------------|
| Housing         | rectangular  |
| Dimensions [mm] | 75 x 27 x 62 |
| Materials       | PBT          |
| Lens material   | PMMA         |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |
|         | operation        | 1 x LED, green  |
|         | function         | 1 x LED, red    |

## Remarks

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

## Electrical connection

Connector: 1 x M12; coding: A





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### Connection

