

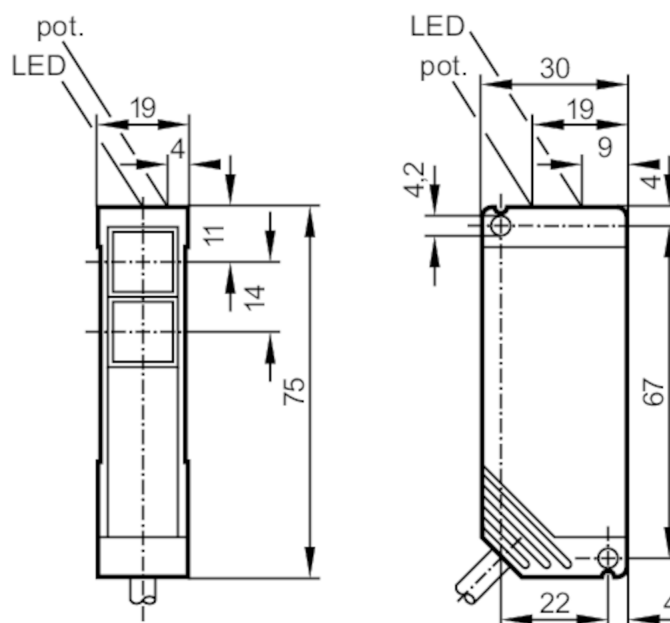
## Retro-reflective sensor

OTP-DPKG/S 1m Kabelst.Lumberg

Article no longer available - archive entry

Alternative articles: OT5017

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



- 1 potentiometer  
receiver in lower lens  
transmitter in upper lens

## 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...55 DC   |
| Current consumption         | [mA] | 35; ((24 V)) |
| Protection class            |      | II           |
| Reverse polarity protection |      | yes          |
| Type of light               |      | red light    |
| Wave length                 | [nm] | 660          |

## Outputs

|                                                 |      |              |
|-------------------------------------------------|------|--------------|
| Electrical design                               |      | PNP          |
| Output function                                 |      | dark-on mode |
| Max. voltage drop switching output DC           | [V]  | 2.5          |
| Permanent current rating of switching output DC | [mA] | 250          |
| Switching frequency DC                          | [Hz] | 150          |

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

**Detection zone**

|                               |                                            |
|-------------------------------|--------------------------------------------|
| Range [m]                     | 0.2...2; (Prismatic reflector Ø 80 E20005) |
| Polarisation filter available | yes                                        |

**Operating conditions**

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -25...60 |
| Protection               | IP 67    |

**Tests / approvals**

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

**Mechanical data**

|                 |              |
|-----------------|--------------|
| Housing         | rectangular  |
| Dimensions [mm] | 75 x 19 x 30 |
| Materials       | PBT          |
| Lens material   | PMMA         |

**Displays / operating elements**

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

**Accessories**

|                |               |
|----------------|---------------|
| Items supplied | Angle bracket |
|                | screwdrivers  |

**Remarks**

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

**Electrical connection**Cable: 1 m, PVC; 3 x 0.34 mm<sup>2</sup>

Connector: 1 x M12; coding: A





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### Connection

