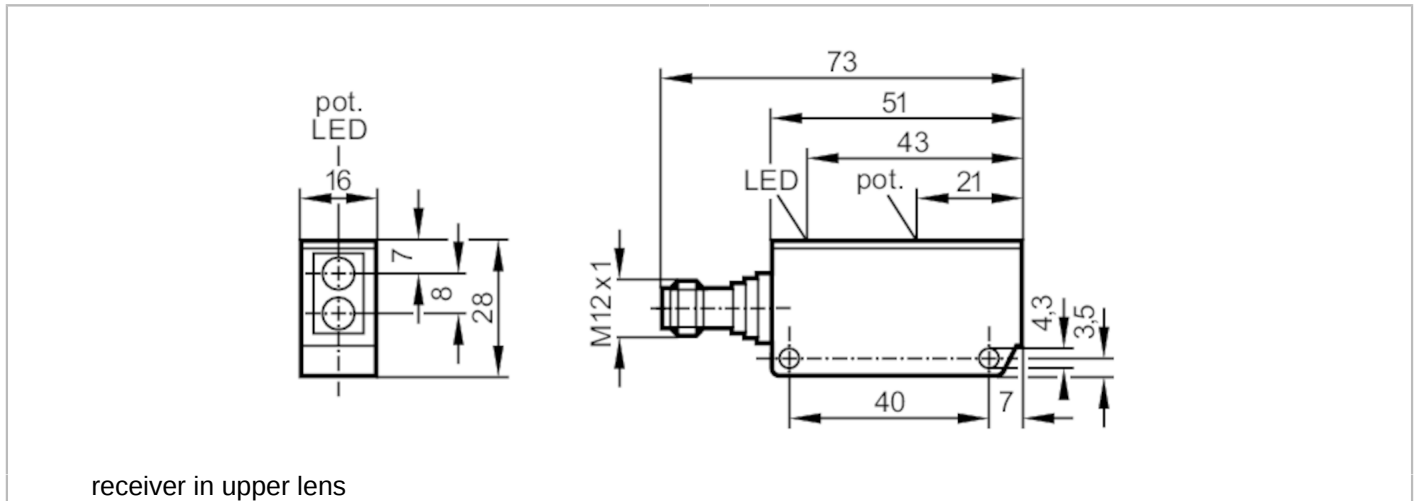


OU5047



Through-beam sensor receiver

OUE-HPKG/US-100-DPO



| Product characteristics | | |
|---|------|---------------------|
| Type of light | | infrared light |
| Housing | | rectangular |
| Dimensions | [mm] | 28 x 16 x 51 |
| Application | | |
| Function principle | | Through-beam sensor |
| Electrical data | | |
| Operating voltage | [V] | 10...55 DC |
| Current consumption | [mA] | 20; ((24 V)) |
| Protection class | | III |
| Reverse polarity protection | | yes |
| Type of light | | infrared light |
| Wave length | [nm] | 880 |
| Outputs | | |
| Electrical design | | PNP |
| Output function | | light-on mode |
| Max. voltage drop switching output DC | [V] | 2.5 |
| Permanent current rating of switching output DC | [mA] | 250 |
| Switching frequency DC | [Hz] | 140 |
| Short-circuit protection | | yes |
| Type of short-circuit protection | | pulsed |
| Overload protection | | yes |
| Detection zone | | |
| Transmitter / receiver | | receiver |
| Range | [m] | < 6 |
| Range adjustable | | yes |

OU5047



Through-beam sensor receiver

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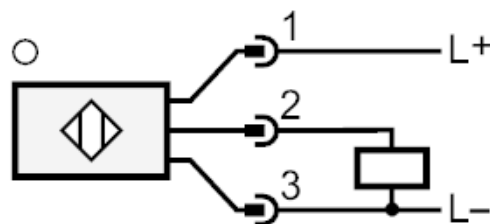
| Operating conditions | | |
|-------------------------------|------------------|----------------------------|
| Ambient temperature | [°C] | -25...80 |
| Protection | | IP 67 |
| Tests / approvals | | |
| EMC | | EN 60947-5-2 |
| MTTF | [years] | 618 |
| Mechanical data | | |
| Weight | [g] | 73.5 |
| Housing | | rectangular |
| Dimensions | [mm] | 28 x 16 x 51 |
| Materials | | PPO modified |
| Lens material | | glass |
| Lens alignment | | side lens |
| Displays / operating elements | | |
| Display | switching status | 1 x LED, yellow |
| Accessories | | |
| Accessories (supplied) | | Angle bracket: 1 x, E20211 |
| Remarks | | |
| Pack quantity | | 1 pcs. |

Electrical connection

Connector: 1 x M12



Connection





Through-beam sensor receiver

OUE-HPKG/US-100-DPO

Diagrams and graphs

excess gain graph

