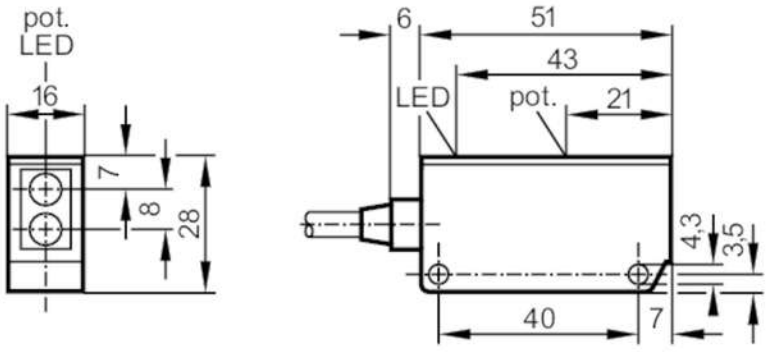
# OU5005

## Through-beam sensor transmitter

OUS-OOKG




one transmitting diode each in upper and lower lens

| | | |
|---|---|---|
| **Product characteristics** | | |
| Type of light | | infrared light |
| Housing | | rectangular |
| **Application** | | |
| Function principle | | Through-beam sensor |
| **Electrical data** | | |
| Operating voltage | [V] | 10...55 DC |
| Current consumption | [mA] | 20;  ((24 V)) |
| Protection class | | II |
| Reverse polarity protection | | yes |
| Type of light | | infrared light |
| Wave length | [nm] | 880 |
| **Outputs** | | |
| Short-circuit protection | | yes |
| Type of short-circuit protection | | pulsed |
| Overload protection | | yes |
| **Detection zone** | | |
| Transmitter / receiver | | transmitter |
| Range | [m] | < 6 |
| Range adjustable | | no |
| Max. light spot diameter | [mm] | 734 |
| Light spot dimensions refer to | | at maximum range |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -25...80 |
| Protection | | IP 67 |
| **Tests / approvals** | | |
| EMC | | EN 60947-5-2 |
| | | EN 55011 — class B |
| MTTF | [years] | 1801 |

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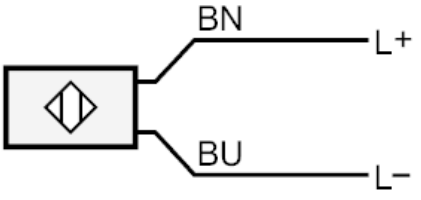
|---|---|---|---|
| **Mechanical data** | | | |
| Weight | [g] | 138 | |
| Housing | | rectangular | |
| Dimensions | [mm] | 28 x 16 x 51 | |
| Materials | | PPO modified | |
| Lens material | | glass | |
| Lens alignment | | side lens | |
| **Displays / operating elements** | | | |
| Display | | operation | 1 x LED, yellow |
| **Accessories** | | | |
| Items supplied | | Angle bracket: 1, E20211 | |
| **Remarks** | | | |
| Pack quantity | | 1 pcs. | |
| **Electrical connection** | | | |

Cable: 2 m, PVC; 2 x 0.34 mm²

Connection




| | |
|---|---|
| | Core colours : |
| BN = | brown |
| BU = | blue |
| BK = | black |