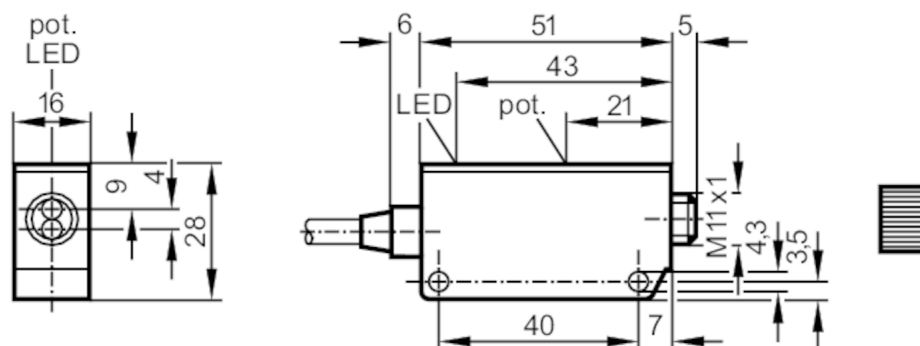


## Fibre-optic amplifier

OUF-DNKG

Article no longer available - archive entry



## Product characteristics

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

## Electrical data

|                             |      |                |
|-----------------------------|------|----------------|
| Operating voltage           | [V]  | 10...55 DC     |
| Current consumption         | [mA] | 35; ((24 V))   |
| Protection class            |      | II             |
| Reverse polarity protection |      | yes            |
| Type of light               |      | infrared light |
| Wave length                 | [nm] | 880            |

## Outputs

|                                                 |      |              |
|-------------------------------------------------|------|--------------|
| Electrical design                               |      | NPN          |
| 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] | 100          |
| Short-circuit protection                        |      | yes          |
| Type of short-circuit protection                |      | pulsed       |
| Overload protection                             |      | yes          |

## Detection zone

|                  |      |                                   |
|------------------|------|-----------------------------------|
| Range            | [m]  | < 0.12; (Through-beam sensor)     |
| Range            | [mm] | < 40; (Diffuse reflection sensor) |
| Range adjustable |      | yes                               |

## Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...80 |
| Protection          |      | IP 65    |

## Tests / approvals

|     |              |  |
|-----|--------------|--|
| EMC | EN 60947-5-2 |  |
|-----|--------------|--|

## Mechanical data

|         |  |             |
|---------|--|-------------|
| Housing |  | rectangular |
|---------|--|-------------|

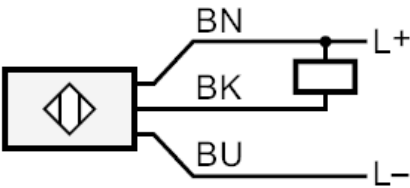
OU5004



Fibre-optic amplifier

OUF-DNKG

|                               |                  |                                                                                  |
|-------------------------------|------------------|----------------------------------------------------------------------------------|
| Dimensions                    | [mm]             | 28 x 16 x 56                                                                     |
| Materials                     |                  | PPO modified                                                                     |
| Displays / operating elements |                  |                                                                                  |
| Display                       | switching status | 1 x LED, yellow                                                                  |
| Аксессуары                    |                  |                                                                                  |
| Items supplied                |                  | Angle bracket                                                                    |
|                               |                  | screwdrivers                                                                     |
| Remarks                       |                  |                                                                                  |
| Remarks                       |                  | dark-on mode corresponds to the NO output function for through-beam fibre optics |
|                               |                  | corresponds to the NC output function for diffuse-reflection fibre optics        |
| Pack quantity                 |                  | 1 pcs.                                                                           |
| Electrical connection         |                  |                                                                                  |
| Cable: 2 m, PVC; 3 x 0.34 mm² |                  |                                                                                  |
| Connection                    |                  |                                                                                  |



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