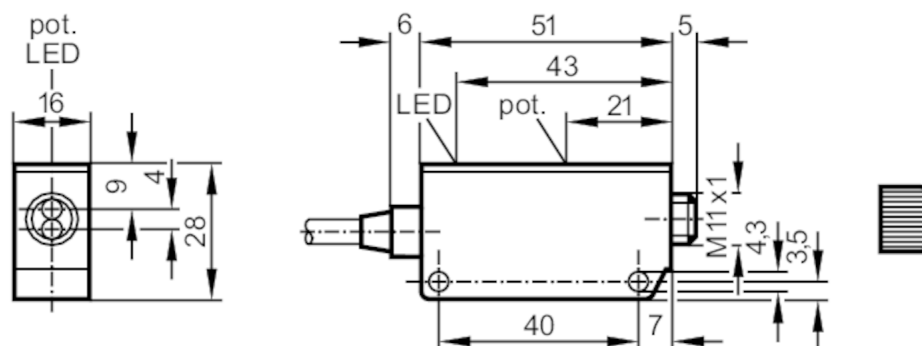


## Fibre-optic amplifier

OUF-HPKG/6M

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                                    | 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]                          | 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 |
|-----|--------------|



## Fibre-optic amplifier

OUF-HPKG/6M

|      |       |     |
|------|-------|-----|
| MTTF | [ANN] | 653 |
|------|-------|-----|

## Mechanical data

|                 |              |
|-----------------|--------------|
| Housing         | rectangular  |
| Dimensions [mm] | 28 x 16 x 56 |
| Materials       | PPO modified |
| Lens alignment  | side lens    |

## Displays / operating elements

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

## Аксессуары

|                |                          |
|----------------|--------------------------|
| Items supplied | Angle bracket: 1, E20211 |
|                | screwdrivers             |

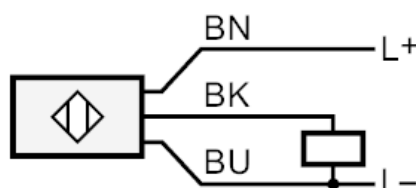
## Remarks

|               |                                                                                   |
|---------------|-----------------------------------------------------------------------------------|
| Remarks       | light-on mode corresponds to the NC output function for through-beam fibre optics |
|               | corresponds to the NO output function for diffuse-reflection fibre optics         |
| Pack quantity | 1 pcs.                                                                            |

## Electrical connection

Cable: 6 m, PVC; 3 x 0.34 mm<sup>2</sup>

## Connection



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

## Fibre-optic amplifier

OUF-HPKG/6M

## Diagrams and graphs

excess gain graph

