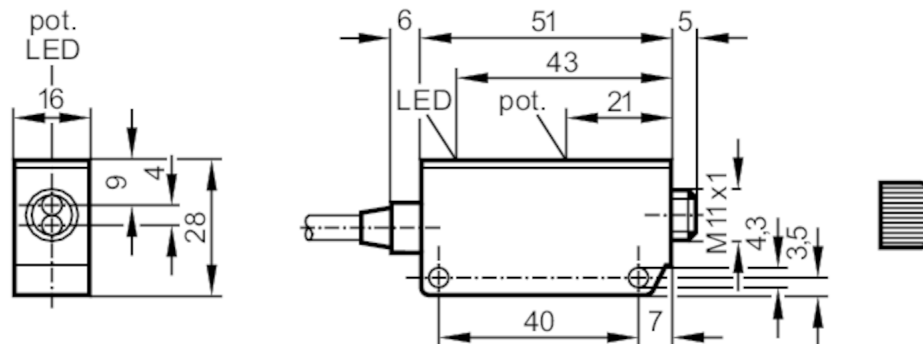


## Fibre-optic amplifier

OUF-HPKG/US-100-DPS mit RST3-0

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 |         |
|     | EN 55011     | class B |



Fibre-optic amplifier

OUF-HPKG/US-100-DPS mit RST3-0

| Mechanical data               |                                                                                   |                 |
|-------------------------------|-----------------------------------------------------------------------------------|-----------------|
| Housing                       | rectangular                                                                       |                 |
| 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                       | 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: 0.5 m, PVC; 3 x 0.34 mm² |  |
| Connector: 1 x M12; coding: A   |  |



| Connection |  |
|------------|--|
|            |  |