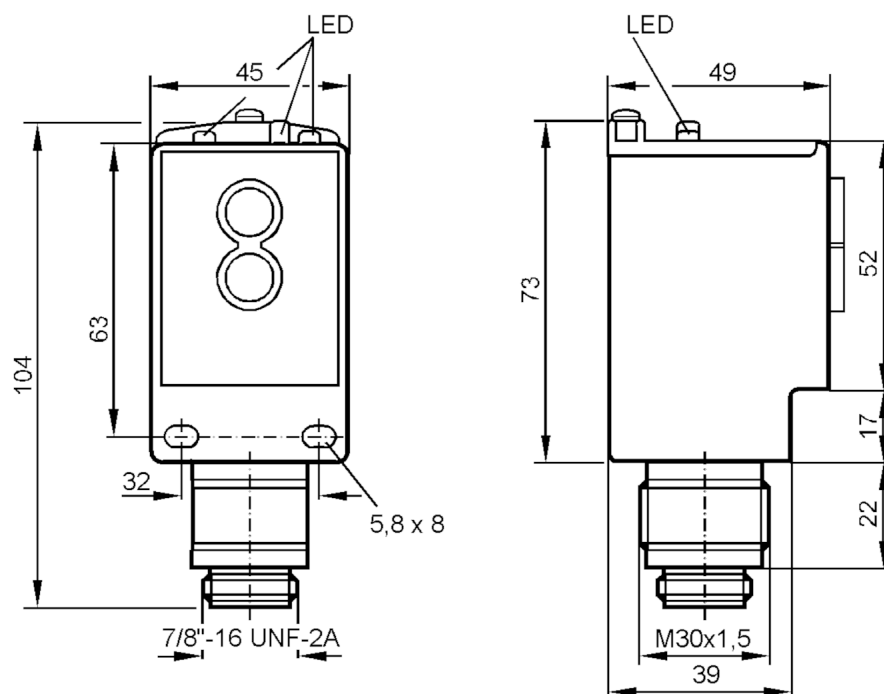




Fiber-optic amplifier

OMF-FKOW/T/LS-500



Receiver in lower lens
Transmitter in upper lens



Product characteristics

| | |
|---------------|-------------|
| Type of light | red light |
| Housing | rectangular |

Electrical data

| | | |
|--|------|----------------|
| Frequency AC | [Hz] | 47...63 |
| Operating voltage | [V] | 24...240 AC/DC |
| Current consumption | [mA] | 26 |
| Max. power consumption | [VA] | 6 |
| Protection class | | II |
| Type of light | | red light |
| Wave length | [nm] | 660 |
| Typ. lifetime | [h] | 100000 |
| Reference temperature for service life | [°C] | 25 |

Outputs

| | | |
|--------------------------|------|---------------------------------------|
| Electrical design | | Relay |
| Output function | | light-on/dark-on mode; (programmable) |
| Contact rating | | 3A / 250 V AC |
| Switching frequency AC | [Hz] | 10 |
| Switching frequency DC | [Hz] | 10 |
| Short-circuit protection | | no |
| Time function | [s] | 0 / 1 / 5 / 10 / 14 |



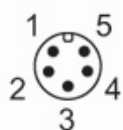
Fiber-optic amplifier

OMF-FKOW/T/LS-500

| Monitoring range | | |
|-------------------------------|------------------|-------------------------------------|
| Range | [m] | < 0.6; (Through-beam sensor) |
| Range | [mm] | < 175; (in diffuse reflection mode) |
| Range adjustable | | yes |
| Reaction times | | |
| Response time | [s] | < 10 |
| Operating conditions | | |
| Ambient temperature | [°C] | -25...40 |
| Protection | | IP 67 |
| Mechanical data | | |
| Weight | [g] | 204 |
| Housing | | rectangular |
| Dimensions | [mm] | 73 x 45 x 49 |
| Material | | ABS reinforced glass-fiber |
| Lens material | | PMMA |
| Lens alignment | | Side sensing |
| Displays / operating elements | | |
| Display | Switching status | 1 x LED, yellow |
| | Power | 1 x LED, green |
| | Function | 1 x LED, red |
| Remarks | | |
| Pack quantity | | 1 pcs. |

Electrical connection

Connector: 1 x 7/8"; coding: A; Locking: aluminum, transparent anodized



Connection

