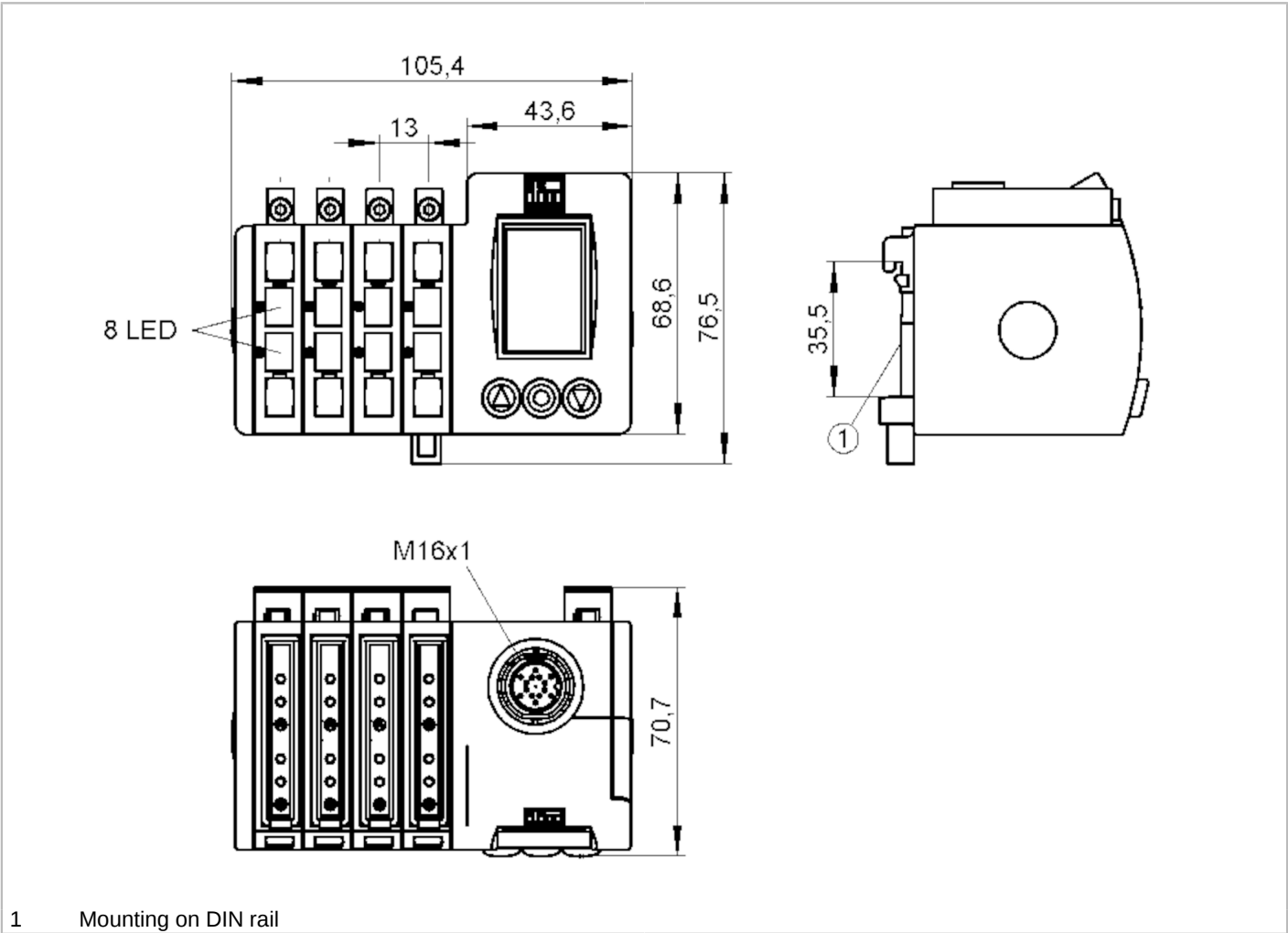




Fiber-optic amplifier

OO5-FPKG/M16/KL8



1 Mounting on DIN rail



| Product characteristics     |      |                                       |
|-----------------------------|------|---------------------------------------|
| Type of light               |      | red light                             |
| Housing                     |      | rectangular                           |
| Application                 |      |                                       |
| Special feature             |      | Function check output                 |
| Electrical data             |      |                                       |
| Operating voltage           | [V]  | 12...36 DC                            |
| Current consumption         | [mA] | 50; ((24 V))                          |
| Max. power consumption      | [VA] | 1.3                                   |
| Protection class            |      | III                                   |
| Reverse polarity protection |      | yes                                   |
| Type of light               |      | red light                             |
| Wave length                 | [nm] | 630                                   |
| Outputs                     |      |                                       |
| Electrical design           |      | PNP                                   |
| Output function             |      | light-on/dark-on mode; (programmable) |



## Fiber-optic amplifier

OOF-FPKG/M16/KL8

|                                                 |                  |                                                                                                                 |
|-------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------|
| Max. voltage drop switching output DC           | [V]              | 2                                                                                                               |
| Function check output                           |                  | yes                                                                                                             |
| Max. current load for function check output     | [mA]             | 200                                                                                                             |
| Permanent current rating of switching output DC | [mA]             | 200                                                                                                             |
| Switching frequency DC                          | [Hz]             | 800                                                                                                             |
| Notes on switching frequency                    | [Hz]             | typical                                                                                                         |
| Short-circuit protection                        |                  | yes                                                                                                             |
| Type of short-circuit protection                |                  | yes (non-latching)                                                                                              |
| Overload protection                             |                  | yes                                                                                                             |
| Time function                                   | [s]              | 0.001...0.1                                                                                                     |
| <b>Monitoring range</b>                         |                  |                                                                                                                 |
| Range                                           | [m]              | < 3.8; (Through-beam sensor)                                                                                    |
| Range                                           | [mm]             | 0...300; (Diffuse reflection sensor)                                                                            |
| Range adjustable                                |                  | yes                                                                                                             |
| <b>Software / programming</b>                   |                  |                                                                                                                 |
| Parameter setting options                       |                  | automatic and manual switch point setting; AND / OR logic functions; second switch point                        |
| <b>Operating conditions</b>                     |                  |                                                                                                                 |
| Ambient temperature                             | [°C]             | -20...60                                                                                                        |
| Protection                                      |                  | IP 65                                                                                                           |
| <b>Tests / approvals</b>                        |                  |                                                                                                                 |
| EMC                                             | EN 60947-5-2     |                                                                                                                 |
|                                                 | EN 55011         | class B                                                                                                         |
| <b>Mechanical data</b>                          |                  |                                                                                                                 |
| Weight                                          | [g]              | 556.5                                                                                                           |
| Housing                                         |                  | rectangular                                                                                                     |
| Dimensions                                      | [mm]             | 76.5 x 105.4 x 70.7                                                                                             |
| Number of channels                              |                  | 8                                                                                                               |
| Fiber optic connection                          |                  | FE-11 / FT-11                                                                                                   |
| Material                                        |                  | housing: ABS; display window: PMMA; LED window: SEPS; cover: diecast zinc plastic coated (PA)                   |
| Lens alignment                                  |                  | Side sensing                                                                                                    |
| <b>Displays / operating elements</b>            |                  |                                                                                                                 |
| Display                                         |                  | full graphic LCD display, rotation of the display by 180° possible language selection (German, English, French) |
|                                                 | Switching status | 8 x LED, yellow                                                                                                 |
| Electronic lock                                 |                  | yes                                                                                                             |
| <b>Accessories</b>                              |                  |                                                                                                                 |
| Items supplied                                  |                  | rail: 1 x 94 mm, EN 60715                                                                                       |
| <b>Remarks</b>                                  |                  |                                                                                                                 |
| Remarks                                         |                  | cULus - Class 2 source required                                                                                 |
| Pack quantity                                   |                  | 1 pcs.                                                                                                          |

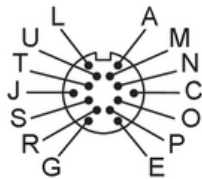


Fiber-optic amplifier

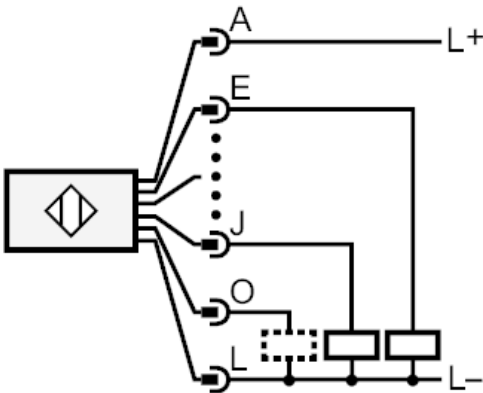
00F-FPKG/M16/KL8

Electrical connection

Connector: 1 x M16; Contacts: 14



Connection



- E: Out 1
- P: Out 2
- S: Out 3
- G: Out 4
- C: Out 5
- T: Out 6
- N: Out 7
- J: Out 8

O      Function check output