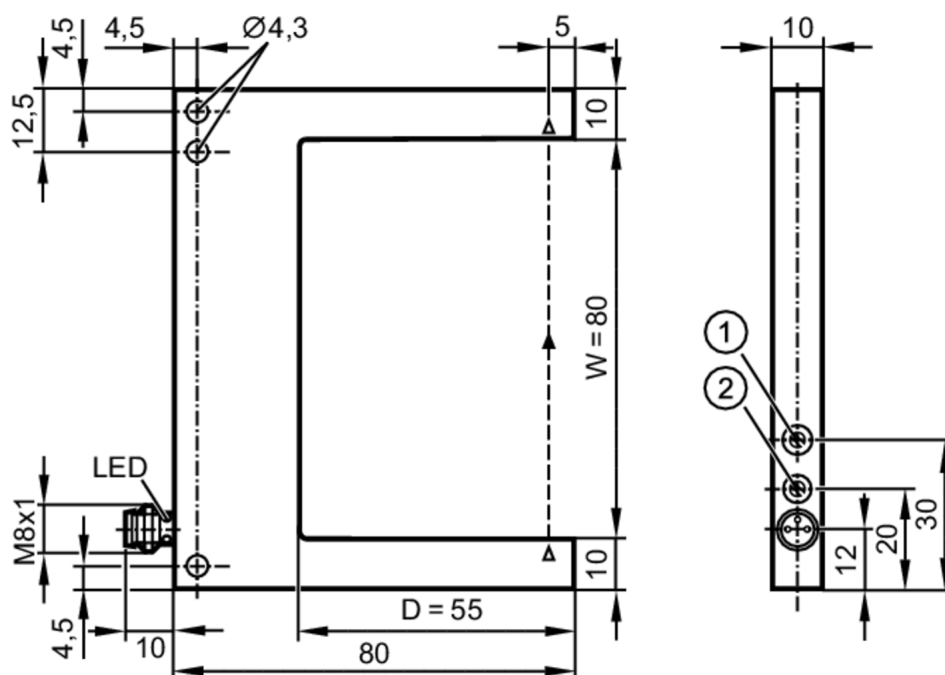


# OPU204

## Optical fork sensor

OPU-FPKG/AS



- 1 potentiometer sensitivity  
2 output function switch



### Electrical data

|                             |      |            |
|-----------------------------|------|------------|
| Operating voltage           | [V]  | 10...35 DC |
| Current consumption         | [mA] | < 30       |
| Protection class            |      | III        |
| Reverse polarity protection |      | yes        |
| Type of light               |      | red light  |
| Wave length                 | [nm] | 660        |

### Outputs

|                                                 |      |                                     |
|-------------------------------------------------|------|-------------------------------------|
| Electrical design                               |      | PNP                                 |
| Output function                                 |      | light-on/dark-on mode; (selectable) |
| Max. voltage drop switching output DC           | [V]  | 2.8                                 |
| Permanent current rating of switching output DC | [mA] | 200                                 |
| Switching frequency DC                          | [Hz] | 4000                                |
| Short-circuit protection                        |      | yes                                 |
| Type of short-circuit protection                |      | pulsed                              |
| Overload protection                             |      | yes                                 |

### Detection zone

|                                            |      |     |
|--------------------------------------------|------|-----|
| Diameter of the smallest detectable object | [mm] | 0.5 |
|--------------------------------------------|------|-----|

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## Optical fork sensor

OPU-FPKG/AS

| Operating conditions          |                  |                                                   |
|-------------------------------|------------------|---------------------------------------------------|
| Ambient temperature           | [°C]             | -25...60                                          |
| Protection                    |                  | IP 67                                             |
| Tests / approvals             |                  |                                                   |
| EMC                           |                  | EN 60947-5-2                                      |
| MTTF                          | [years]          | 571                                               |
| Mechanical data               |                  |                                                   |
| Weight                        | [g]              | 162.6                                             |
| Dimensions                    | [mm]             | 100 x 10 x 80                                     |
| Fork depth D                  | [mm]             | 55                                                |
| Fork width W                  | [mm]             | 80                                                |
| Materials                     |                  | housing: diecast zinc black anodised; lens: glass |
| Displays / operating elements |                  |                                                   |
| Display                       | switching status | 1 x LED, yellow                                   |
| Remarks                       |                  |                                                   |
| Pack quantity                 |                  | 1 pcs.                                            |
| Electrical connection         |                  |                                                   |

Connector: 1 x M8



### Connection

