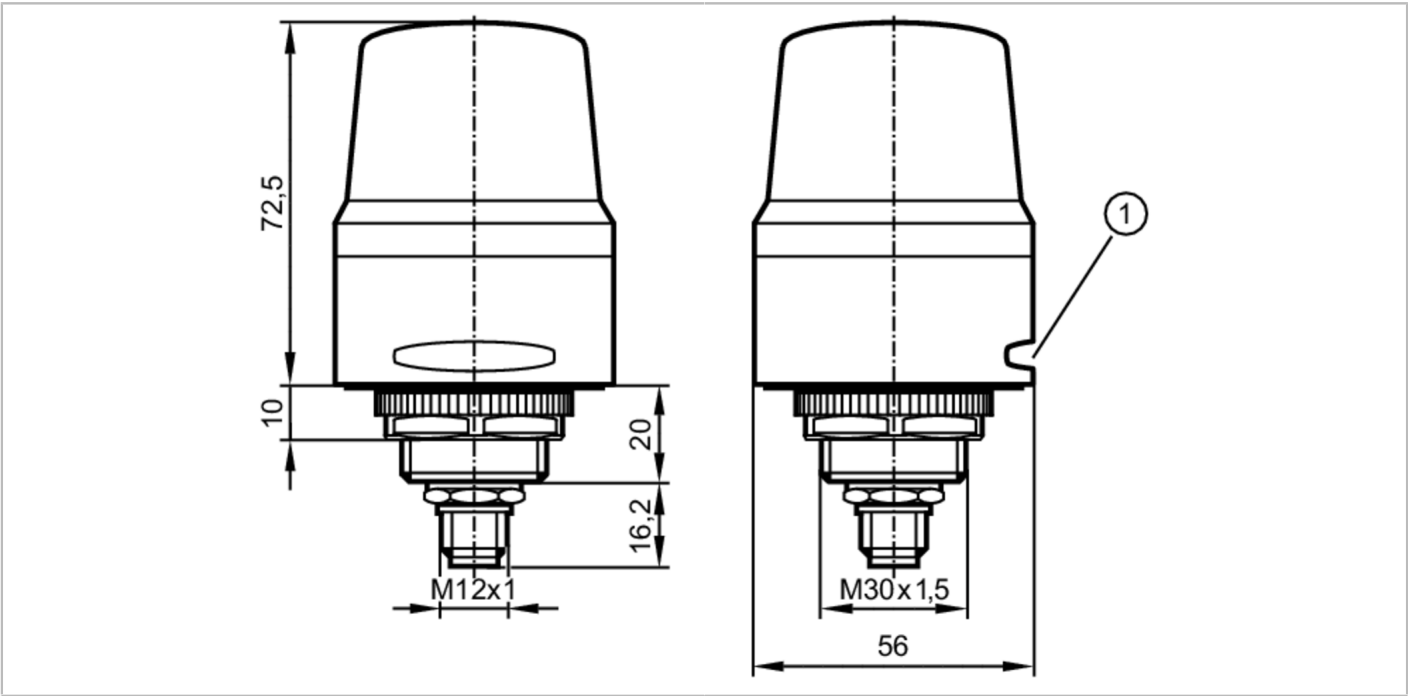


# DV2131



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button



| Application                     |                               |                                                        |
|---------------------------------|-------------------------------|--------------------------------------------------------|
| Application                     | signalling machine conditions |                                                        |
| Electrical data                 |                               |                                                        |
| Operating voltage               | [V]                           | 18...30 DC; (to SELV/PELV ; "supply class 2" to cURus) |
| Nominal voltage DC              | [V]                           | 24                                                     |
| Current consumption             | [mA]                          | < 90                                                   |
| Switch-on peak current          | [mA]                          | 400                                                    |
| Switch-on peak current duration | [ms]                          | 50                                                     |
| Interfaces                      |                               |                                                        |
| Communication interface         | IO-Link                       |                                                        |
| Transmission type               | COM2 (38,4 kBaud)             |                                                        |
| IO-Link revision                | 1.1                           |                                                        |
| SDCI standard                   | IEC 61131-9                   |                                                        |
| SIO mode                        | yes                           |                                                        |
| Required master port type       | A                             |                                                        |
| Min. process cycle time         | [ms]                          | 2.3                                                    |
| Supported DeviceIDs             | Type of operation             | DeviceID                                               |
|                                 | default                       | 1176                                                   |
| Operating conditions            |                               |                                                        |
| Ambient temperature             | [°C]                          | -25...50                                               |
| Storage temperature             | [°C]                          | -40...75                                               |
| Max. relative air humidity      | [%]                           | 90                                                     |
| Max. height above sea level     | [m]                           | 4000                                                   |
| Protection                      | IP 65                         |                                                        |



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

|                  |   |
|------------------|---|
| Pollution degree | 2 |
|------------------|---|

## Mechanical data

|                 |                 |
|-----------------|-----------------|
| Weight [g]      | 169.5           |
| Dimensions [mm] | Ø 56 / L = 72.5 |
| Materials       | housing: PC     |

## Displays / operating elements

|                          |                                                                 |  |
|--------------------------|-----------------------------------------------------------------|--|
| Display                  | LED segment, red / green / yellow / blue / lilac / cyan / white |  |
| Operating elements       | capacitive pushbutton                                           |  |
| Acoustic signal          | buzzer                                                          |  |
| Max. sound pressure [dB] | 90                                                              |  |

## Аксессуары

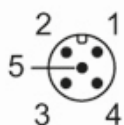
|                        |                                          |
|------------------------|------------------------------------------|
| Accessories (optional) | mounting base, E89060                    |
|                        | wall bracket, E89061                     |
|                        | Mounting adapter, E89063                 |
|                        | bracket with lateral cable entry, E89064 |
|                        | mounting tube, E89065                    |
|                        | mounting tube, E89066                    |
|                        | mounting tube, E89067                    |
|                        | mounting base, E89080                    |

## Remarks

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Remarks       | For further information please see the operating instructions. |
| Pack quantity | 1 pcs.                                                         |

## Electrical connection - plug

Connector: M12; coding: A



## IO-Link

|   |          |
|---|----------|
| 1 | UB+      |
| 2 | not used |
| 3 | UB-      |
| 4 | IO-Link  |
| 5 | not used |

## standard mode

|   |                                                 |
|---|-------------------------------------------------|
| 1 | IN1 red                                         |
| 2 | IN2 green                                       |
| 3 | GND                                             |
| 4 | configurable (buzzer / Capacitive touch sensor) |
| 5 | IN3 blue                                        |

# DV2131

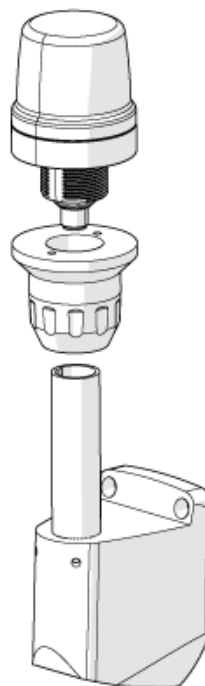


## 1-segment signal lamp

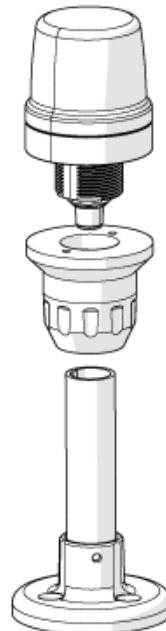
LED-Lamp/IOL/Buzzer/Button

### Diagrams and graphs

wall mounting



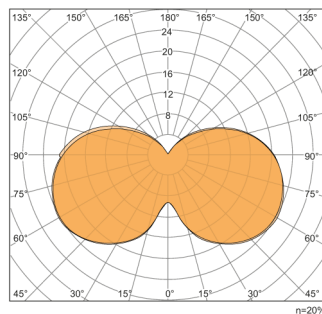
base mounting



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

крива розподілу інтенсивності  
світла



крива розподілу інтенсивності світла: red

1000 lm

операційна ефективність = 20%

крива розподілу інтенсивності  
світла



крива розподілу інтенсивності світла: green

1000 lm

операційна ефективність = 22%

# DV2131



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

крива розподілу інтенсивності  
світла



крива розподілу інтенсивності світла: blue  
1000 lm  
операційна ефективність = 20%