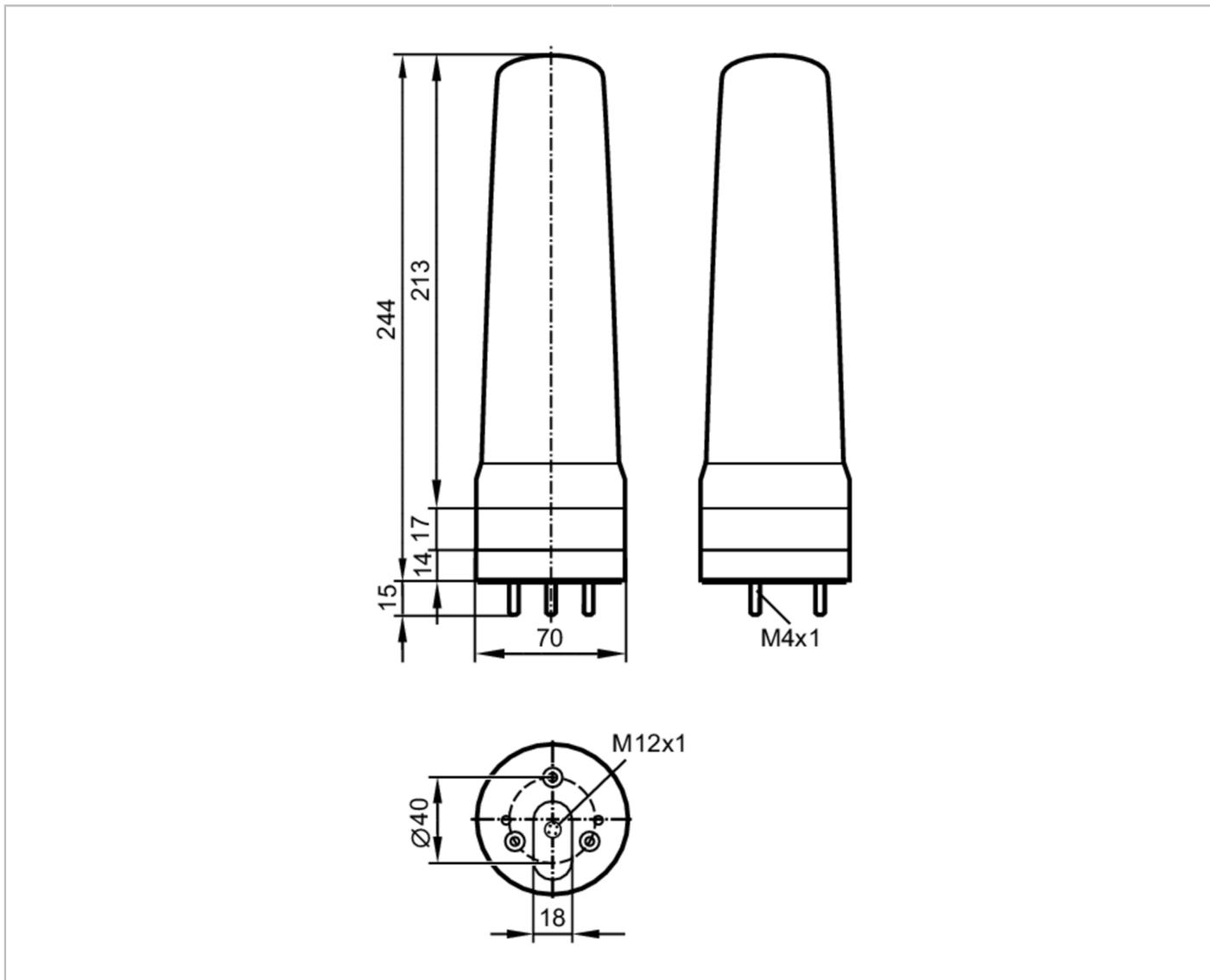


DV2920



20-LED light tower

LED-Tower-20-a/IO-Link



| Application | |
|-----------------------------|--|
| Application | signaling 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] | < 200 |
| Switch-on peak current [mA] | 500; (2 ms; 400 mA: 50 ms) |
| Inputs | |
| Input current High [mA] | 6 |
| Interfaces | |
| Communication interface | IO-Link |
| Transmission type | COM2 (38,4 kBaud) |
| IO-Link revision | 1.1 |

DV2920



20-LED light tower

LED-Tower-20-a/IO-Link

| | | |
|------------------------------|--------------------------|------------------------------|
| SDCI standard | IEC 61131-9 | |
| Profiles | Common - I&D | Identification and Diagnosis |
| SIO mode | yes | |
| Required master port class | A | |
| Min. process cycle time [ms] | 2.7 | |
| Supported DeviceIDs | Type of operation | DeviceID |
| | default | 1533 |

| Operating conditions | | |
|---------------------------------|--|----------|
| Ambient temperature [°C] | | -25...50 |
| Storage temperature [°C] | | -40...75 |
| Max. relative air humidity [%] | | 90 |
| Air pressure [kPa] | | < 106 |
| Max. height above sea level [m] | | 2000 |
| Protection | | IP 65 |

| Tests / approvals | | |
|-------------------|--|-----|
| MTTF [years] | | 238 |

| Mechanical data | | |
|-----------------|--|------------------------|
| Weight [g] | | 412.8 |
| Dimensions [mm] | | Ø 70 / L = 244 |
| Material | | housing: ABS; lens: PC |

| Displays / operating elements | | |
|-------------------------------|-------------|------------------------|
| Display | LED segment | 20 x LEDs, multi-color |

| Accessories | | |
|------------------------|--|--|
| 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 |

| Remarks | | |
|---------------|---|--|
| Remarks | Further information is available in the manual. | |
| Pack quantity | 1 pcs. | |

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Electrical connection - plug

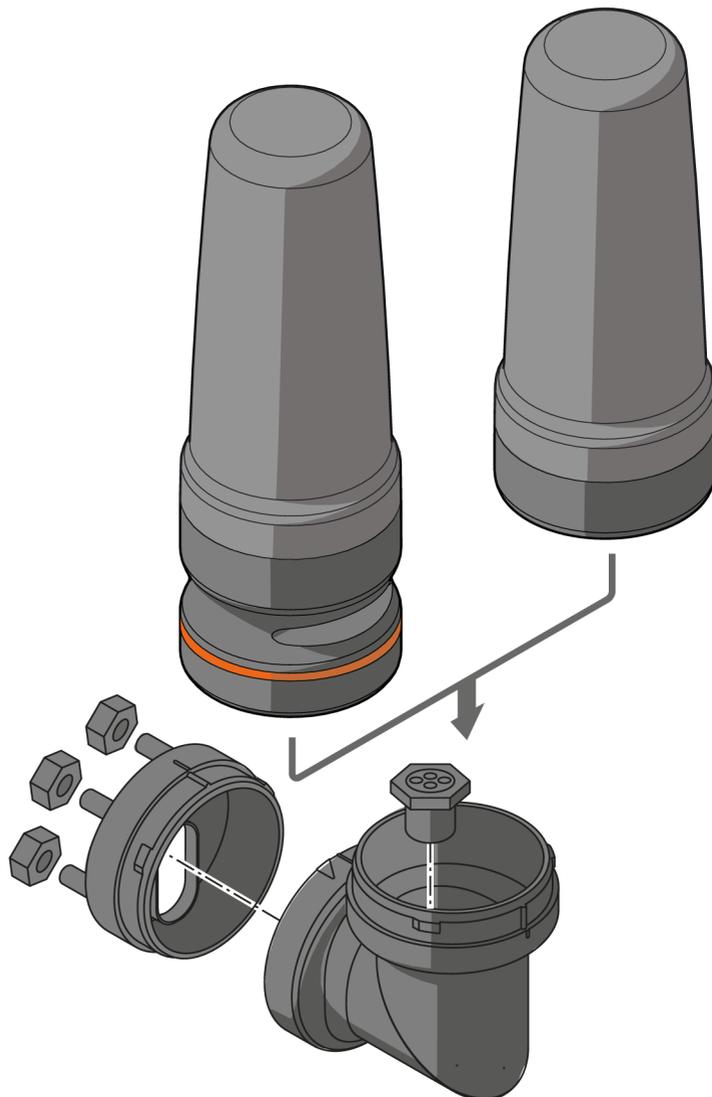
Connector: M12; coding: A



| | |
|---|---------------|
| 1 | UB+ |
| 2 | not used |
| 3 | UB- |
| 4 | IO-Link (C/Q) |

Diagrams and graphs

Installation



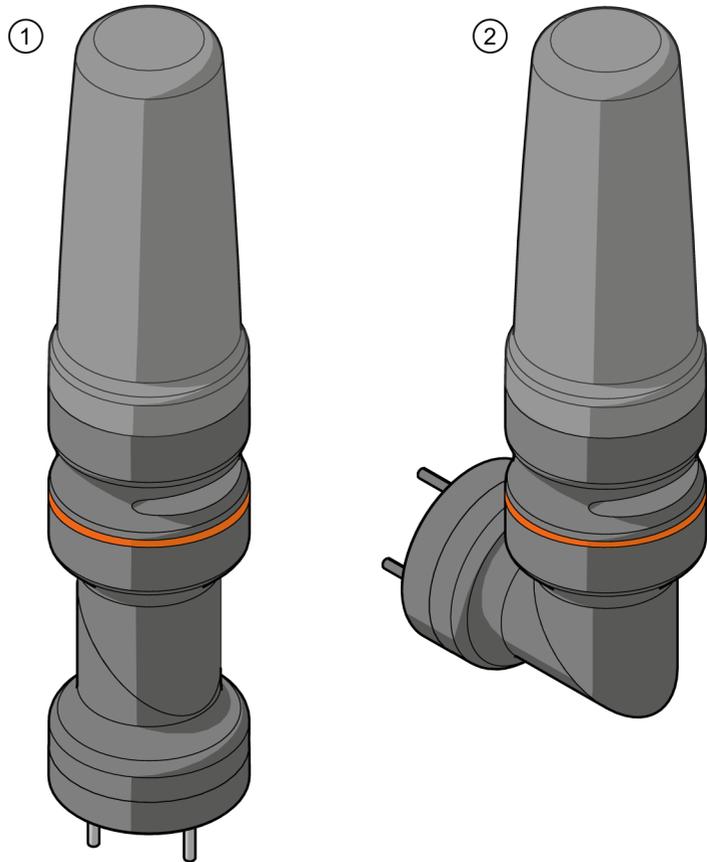
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20-LED light tower

LED-Tower-20-a/I/O-Link



Installation



- 1 mounting on a horizontal surface
- 2 mounting on a vertical surface

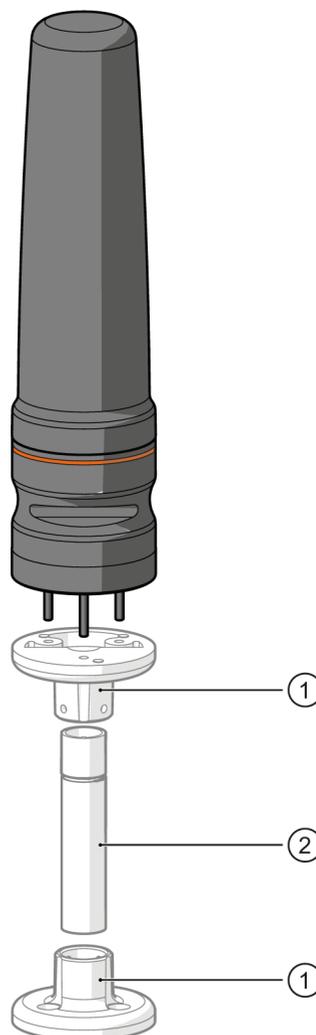
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20-LED light tower

LED-Tower-20-a/I/O-Link



base mounting



- 1 E89060 not supplied
- 2 E89065, E89066, E89067 not supplied

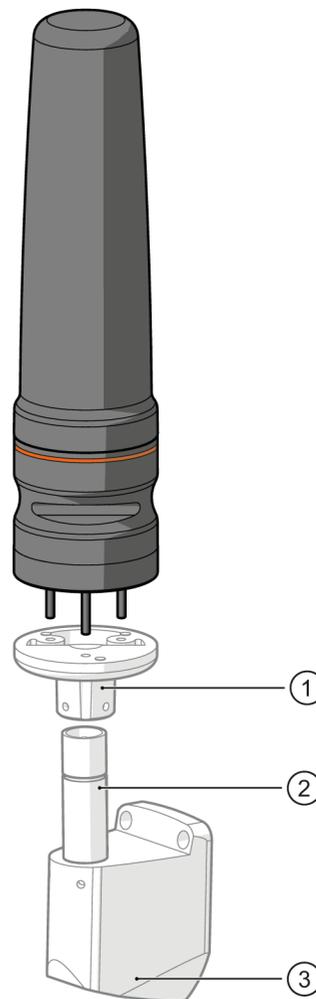
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20-LED light tower

LED-Tower-20-a/I/O-Link



wall mounting



- 1 E89060 not supplied
- 2 E89065, E89066, E89067 not supplied
- 3 E89061 not supplied