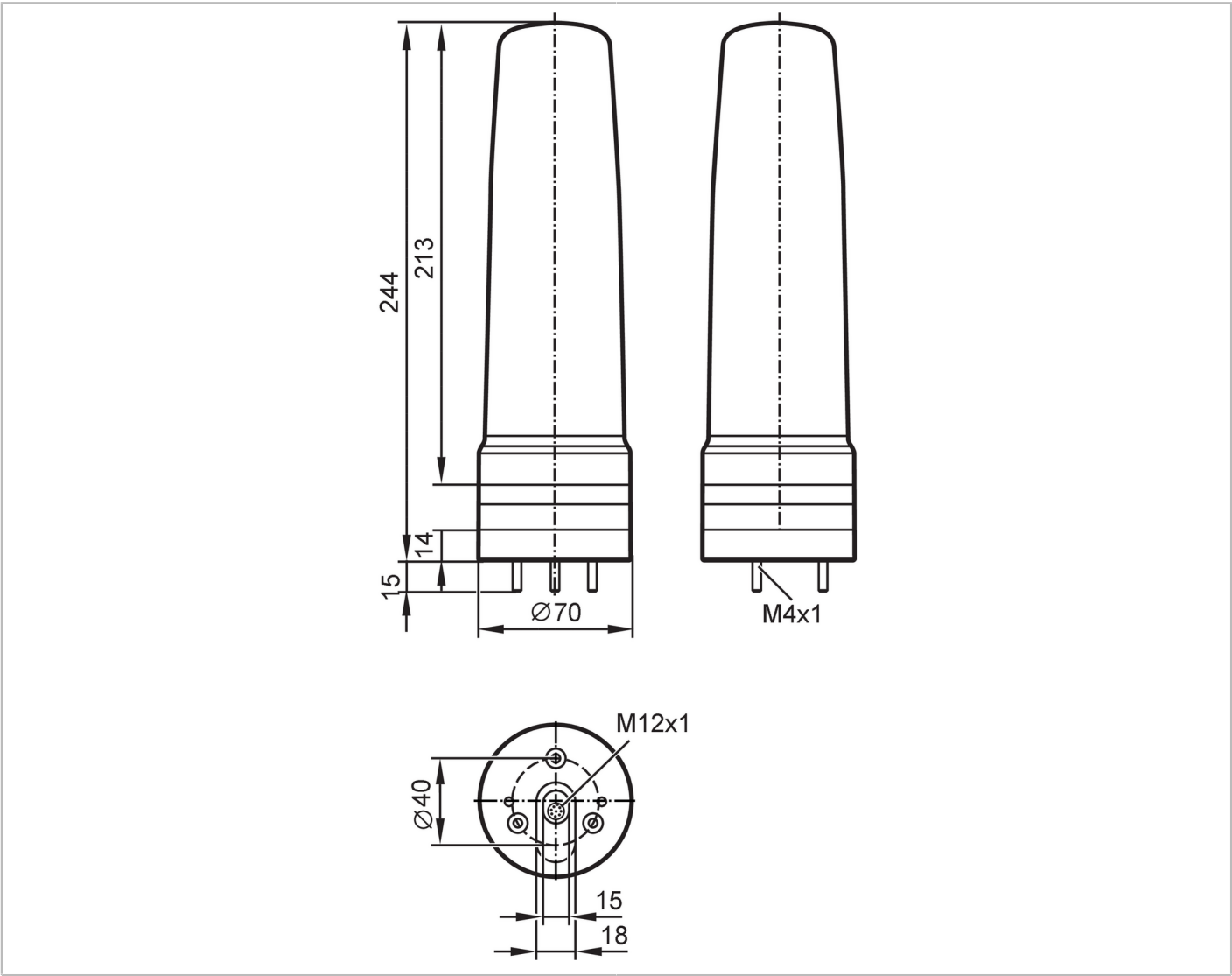


DV1521



5-segment light tower with IO-Link data output

LED-Tower-5/MDA/



| Application                  |      |                                                                                        |
|------------------------------|------|----------------------------------------------------------------------------------------|
| Application                  |      | Display and transfer of machine states to higher-level evaluation software via IO-Link |
| Electrical data              |      |                                                                                        |
| Operating voltage            | [V]  | 18...30 DC; (to SELV/PELV)                                                             |
| Nominal voltage DC           | [V]  | 24                                                                                     |
| Current consumption          | [mA] | < 200                                                                                  |
| Inputs / outputs             |      |                                                                                        |
| Number of inputs and outputs |      | Number of digital inputs: 6                                                            |
| Inputs                       |      |                                                                                        |
| Number of digital inputs     |      | 6                                                                                      |
| Input current High           | [mA] | 6                                                                                      |
| Interfaces                   |      |                                                                                        |
| Communication interface      |      | IO-Link                                                                                |
| Transmission type            |      | COM2 (38,4 kBaud)                                                                      |

# DV1521



## 5-segment light tower with IO-Link data output

LED-Tower-5/MDA/

|                              |                   |                              |
|------------------------------|-------------------|------------------------------|
| IO-Link revision             | 1.1               |                              |
| 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] | 8                 |                              |
| Supported DeviceIDs          | Type of operation | DeviceID                     |
|                              | default           | 1700                         |

| 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    |

| Mechanical data |  |                        |
|-----------------|--|------------------------|
| Weight [g]      |  | 412.9                  |
| Dimensions [mm] |  | Ø 70 / L = 244         |
| Material        |  | housing: ABS; lens: PC |

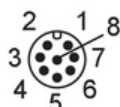
| Displays / operating elements |             |                |
|-------------------------------|-------------|----------------|
| Display                       | status      | 1 x LED, green |
|                               | LED segment | 5 x 4 LED      |

| 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.                                          |

### Electrical connection - plug

Connector: M12; coding: A; Contacts: 8



## 5-segment light tower with IO-Link data output

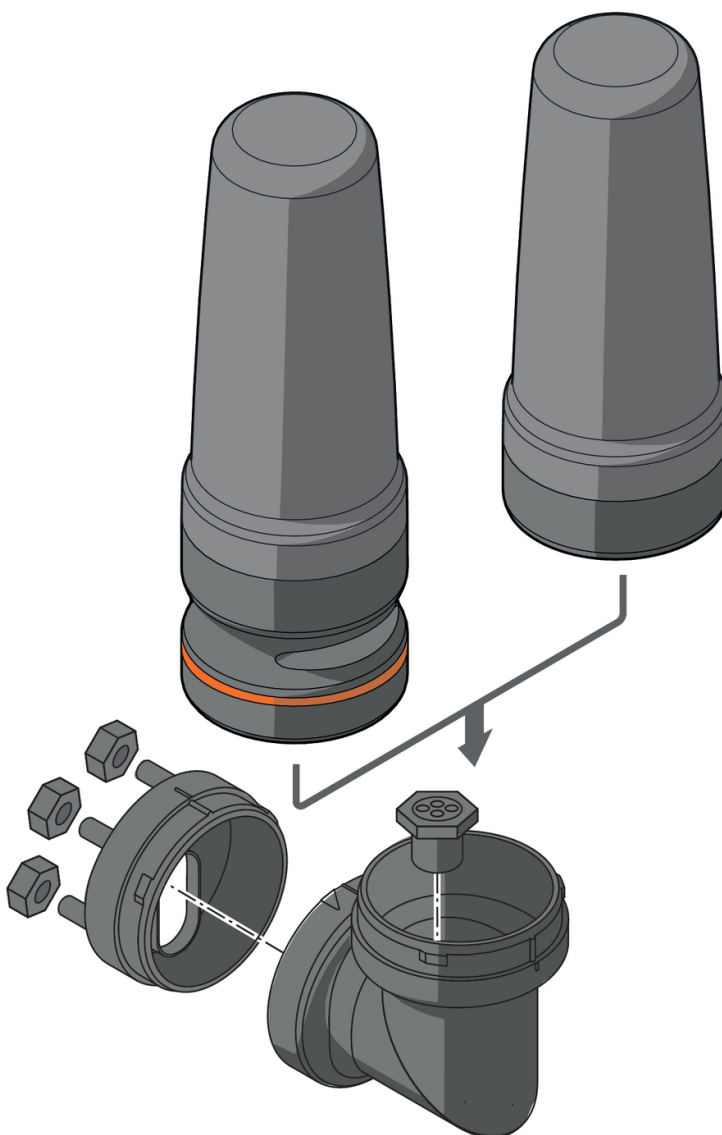
LED-Tower-5/MDA/

### Connection

|   |                             |
|---|-----------------------------|
| 1 | Digital input LED segment 5 |
| 2 | not used                    |
| 3 | Digital input LED segment 3 |
| 4 | Digital input LED segment 2 |
| 5 | GND                         |
| 6 | Digital input LED segment 1 |
| 7 | Digital input LED segment 4 |
| 8 | IO-Link (C/Q)               |

### Diagrams and graphs

#### Installation



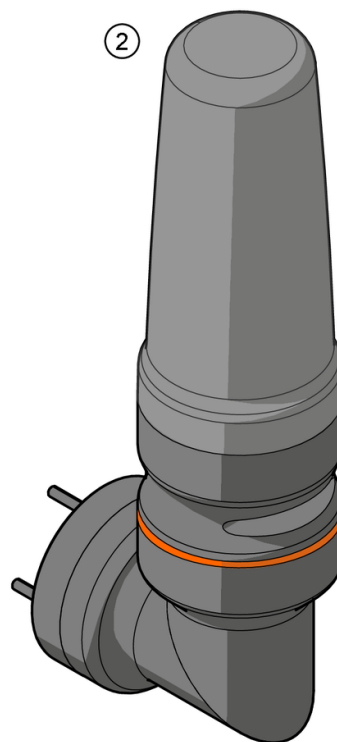
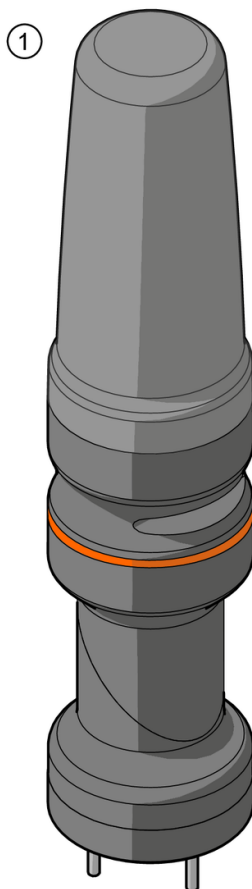
# DV1521



## 5-segment light tower with IO-Link data output

LED-Tower-5/MDA/

### Installation



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

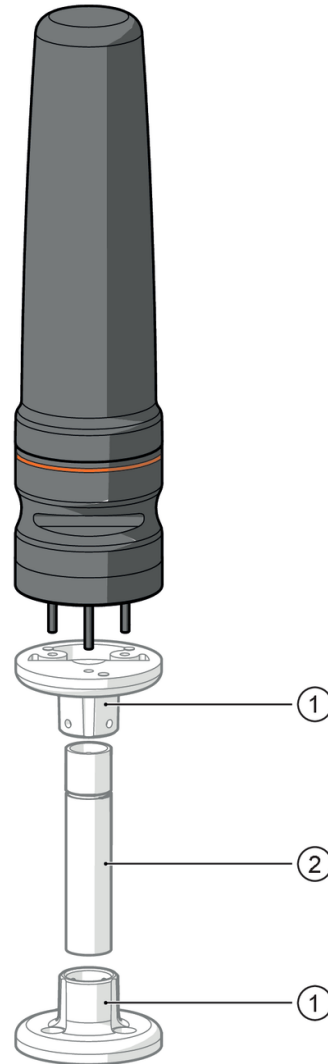
# DV1521



## 5-segment light tower with IO-Link data output

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base mounting



1 E89060 not supplied

2 E89065, E89066, E89067 not supplied

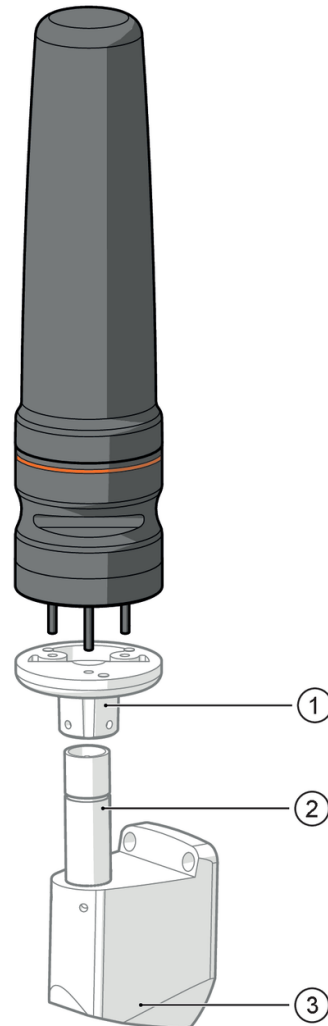
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## 5-segment light tower with IO-Link data output

LED-Tower-5/MDA/

wall mounting



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