

## Completely pre-assembled Signal Towers / eSIGN eSIGN IO-Link 9 Segments BK



|           |            |
|-----------|------------|
| Part No.: | 657.010.55 |
| Series:   | eSIGN      |



### MECHANICAL DATA

|                             |                                |
|-----------------------------|--------------------------------|
| Height                      | 271 mm                         |
| Diameter                    | 72 mm                          |
| Materials                   | PC                             |
| Dome colour                 | Tranlucent                     |
| Housing colour              | Black                          |
| Protection category         | IP66<br>IP69K                  |
| Connection                  | M12 plug 4-pole                |
| Type of fixing              | Base mounting<br>Tube mounting |
| Working temperature minimum | -30°C                          |
| Working temperature maximum | +60°C                          |
| Weight with packaging       | 610 g                          |
| Product weight              | 565 g                          |
| IK-Code (IEC 62262)         | IK08                           |

### ELECTRICAL DATA

|                             |                        |
|-----------------------------|------------------------|
| Operating voltage           | 24V                    |
| Operating voltage type      | DC                     |
| Operating voltage tolerance | +/- 20%                |
| Rated operational voltage   | 24 VDC                 |
| Rated operational current   | 335 mA                 |
| Rated inrush current        | 800 mA                 |
| Protection class            | Protection class 3     |
| Pollution degree            | 3                      |
| Overvoltage category        | I                      |
| Isolation voltage           | Ui = 50V / Uimp = 330V |
| Request to external PSU     | SELV/PELV              |
| connectivity                | IO-Link                |

### OPTICAL DATA

|                      |  |
|----------------------|--|
| Light source         | LED  |
| Light colour         | MC >1.000.000 colours  |
| Optical signal image | Blink<br>Double flash<br>Flash<br>Permanent<br>Revolving<br>Triple flash |
| Blink frequency      | Configurable   |



For additional installation and mounting information, refer to the appropriate user guide at [www.werma.com](http://www.werma.com). This printed copy is for information only and is subject to alteration.

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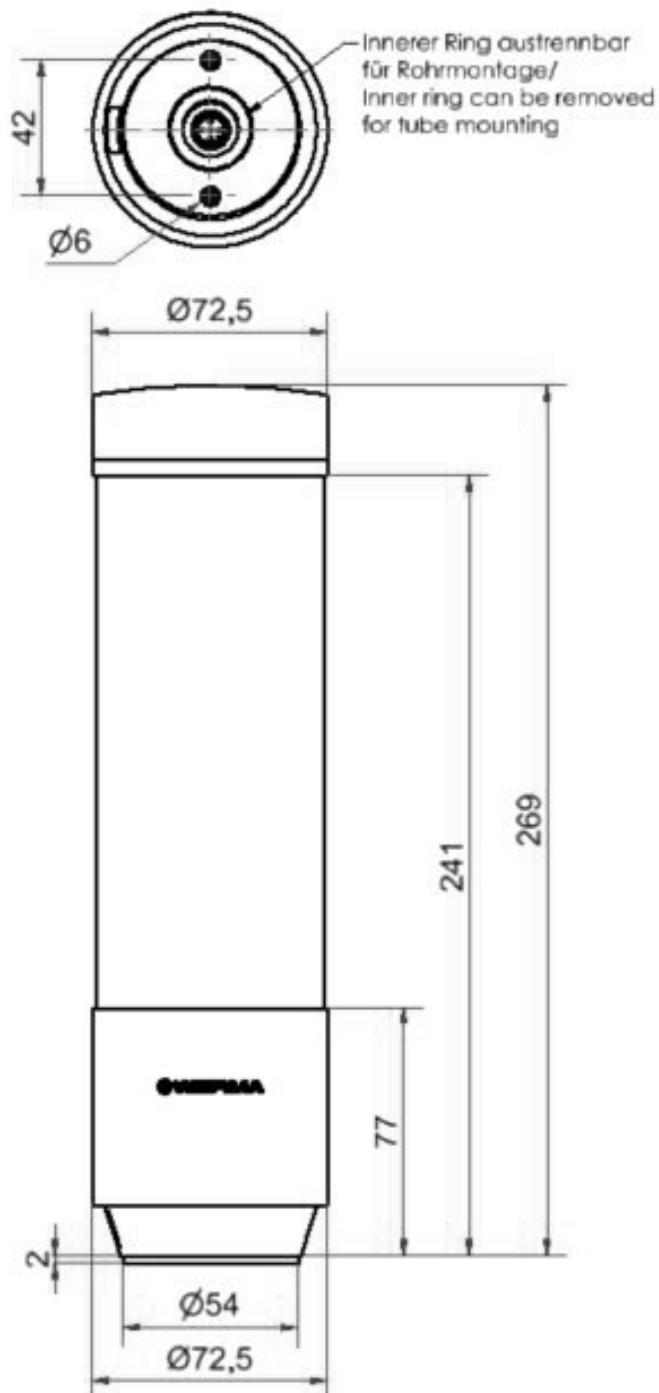
|                               |                       |
|-------------------------------|-----------------------|
| Service life optical          | 50,000 h maximum      |
| <b>APPROVAL DATA</b>          |                       |
| Conforms with CE              | Yes                   |
| Conforms with RoHS directive  | Yes                   |
| WEEE                          | Yes                   |
| Conforms with ATEX-directive  | No                    |
| Conforms with CCC-Ex          | No                    |
| Conforms with CCC             | No                    |
| Conforms with UL              | cULus                 |
| UL Type Rating                | Type 4/4X/12/13       |
| Conforms with FCC             | No                    |
| Conforms with IC              | No                    |
| EAC certificate available     | No                    |
| Conforms with UKCA (Importer) | Yes (WERMA (UK) Ltd.) |
| Conforms with CMIM            | No                    |
| Conforms with AS-I            | No                    |
| Conforms with DNV             | No                    |
| Conforms with RoHS CN         | No                    |
| Conforms with VdS             | No                    |
| MTTF-value [years]            | 45                    |



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**DRAWING**



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