

## Completely pre-assembled Signal Towers / eSIGN eSIGN IO-Link 9 Segments with Siren WH



|                  |                   |
|------------------|-------------------|
| <b>Part No.:</b> | <b>657.310.55</b> |
| <b>Series:</b>   | <b>eSIGN</b>      |



### MECHANICAL DATA

|                             |                                |
|-----------------------------|--------------------------------|
| Height                      | 271 mm                         |
| Diameter                    | 72 mm                          |
| Materials                   | PC                             |
| Dome colour                 | Tranlucent                     |
| Housing colour              | White                          |
| 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                          |
| 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   | 405 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 |
| Blink frequency      | Configurable                                |
| Service life optical | 50,000 h maximum                            |

### ACOUSTIC DATA

|                             |            |
|-----------------------------|------------|
| Volume (max) at 1m distance | 105 dB (A) |
|-----------------------------|------------|



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.

## Completely pre-assembled Signal Towers / eSIGN eSIGN IO-Link 9 Segments with Siren WH

|                         |                     |
|-------------------------|---------------------|
| Acoustic signal image   | Multi-tone          |
| Number of tones         | 10 tone             |
| Volume adjustable       | Software controlled |
| Volume adjustment range | 80-105 dB (A)       |
| Acoustic service life   | 5,000 h minimum     |

### APPROVAL DATA

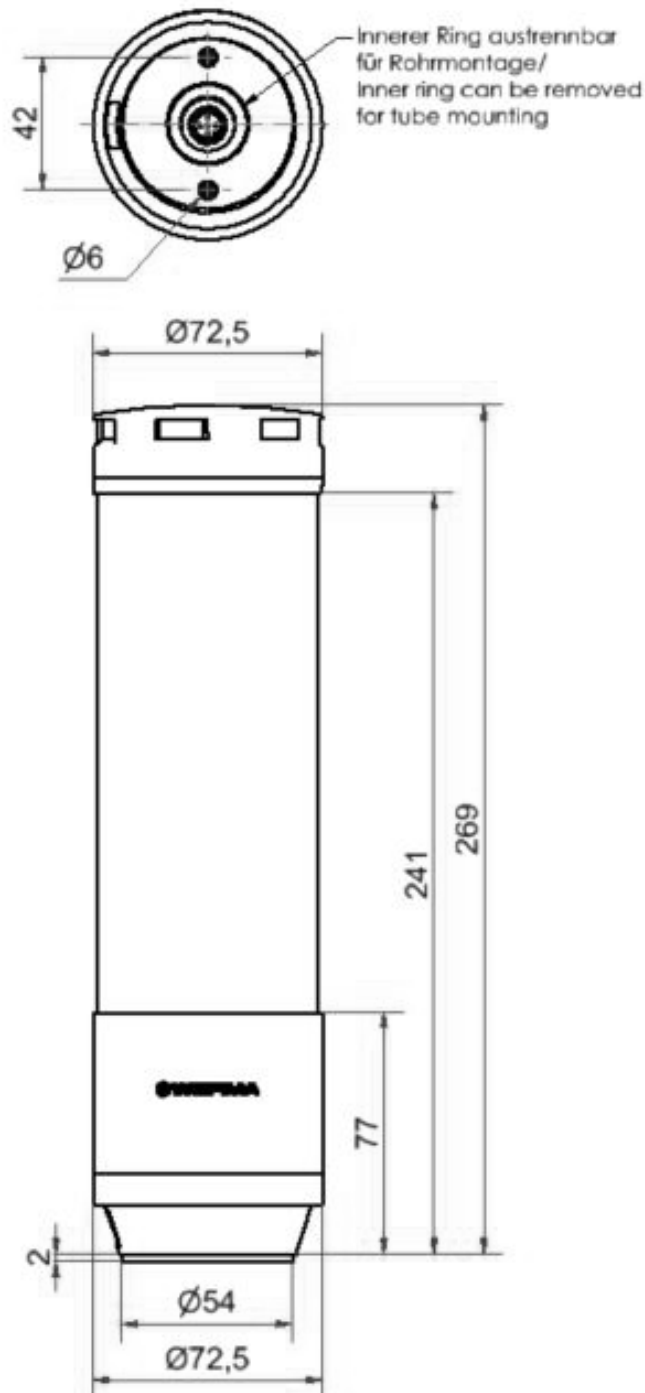
|                               |                       |
|-------------------------------|-----------------------|
| Conforms with CE              | Yes                   |
| Conforms with RoHS directive  | Yes                   |
| WEEE                          | Yes                   |
| Conforms 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]            | 41                    |



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.

## Completely pre-assembled Signal Towers / eSIGN eSIGN IO-Link 9 Segments with Siren WH

### DRAWING



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.