

## 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                          |
| Weight with packaging       | 620 g                          |
| Product weight              | 573 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   | 405 mA   |
| Rated inrush current        | 800 mA   |
| Protection class            | Protection class 3                             |
| Pollution degree            | 3  |
| Overvoltage category        | I  |
| Isolation voltage           | U <sub>i</sub> = 50V / U <sub>imp</sub> = 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                            |



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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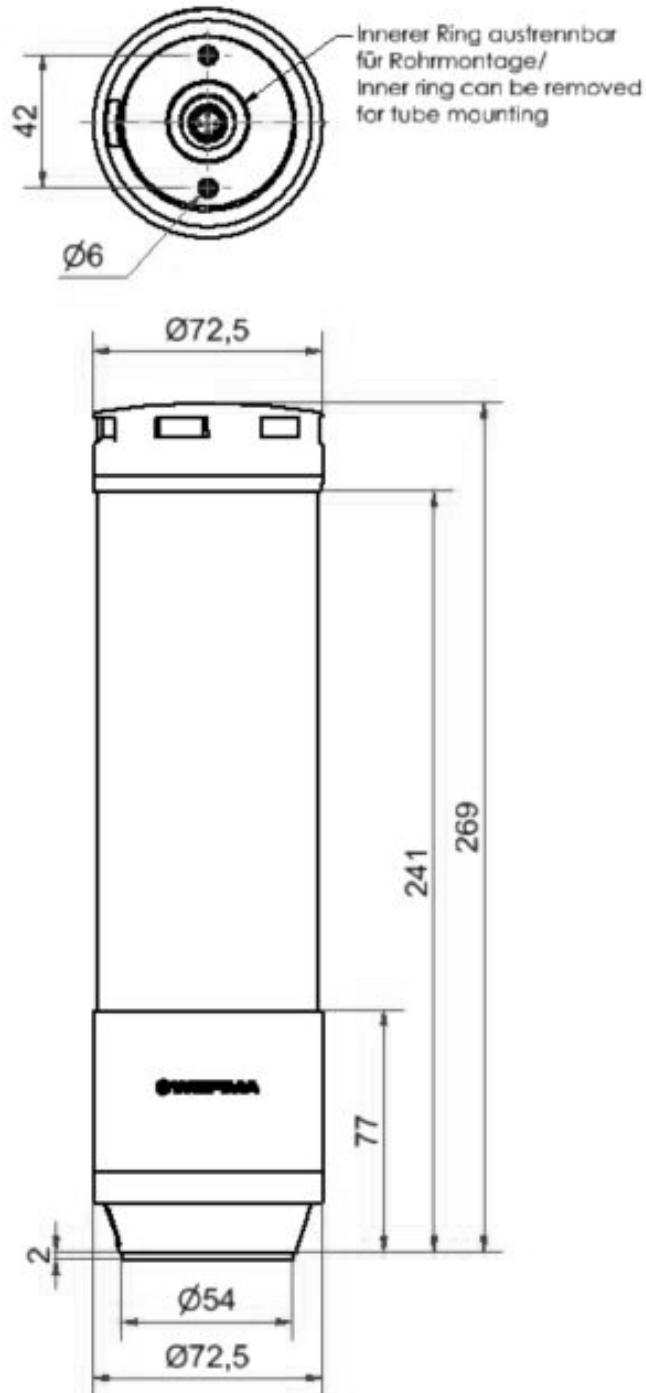
| ACOUSTIC DATA               |                     |
|-----------------------------|---------------------|
| Volume (max) at 1m distance | 105 dB (A)          |
| Acoustic signal image       | Multi-tone          |
| Number of tones             | 10 tone             |
| Volume adjustable           | 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                    |

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**DRAWING**



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