

Completely pre-assembled Signal Towers / VarioSIGN  
**VarioSIGN 1S BM Contin. tone 24VDC MC**



|           |            |
|-----------|------------|
| Part No.: | 690.010.55 |
| Series:   | VarioSIGN  |



**MECHANICAL DATA**

|                              |                  |
|------------------------------|------------------|
| Length                       | 90 mm            |
| Width                        | 62 mm            |
| Height                       | 220 mm           |
| Materials                    | PC<br>PC/ABS     |
| Dome colour                  | Clear            |
| Housing colour               | Black            |
| Protection category          | IP65             |
| Connection                   | Screw terminals  |
| cross-sectional area maximum | 1,50mm² / 16AWG  |
| Cable entry                  | Membrane grommet |
| Cable entry minimum          | d = 1 mm         |
| Cable entry maximum          | d = 11 mm        |
| Type of fixing               | Base mounting    |
| Working temperature minimum  | -30°C            |
| Working temperature maximum  | +50°C            |
| Weight with packaging        | 316 g            |
| Product weight               | 260 g            |

**ELECTRICAL DATA**

|                             |                    |
|-----------------------------|--------------------|
| Operating voltage           | 24V                |
| Operating voltage type      | DC                 |
| Operating voltage tolerance | +/- 10%            |
| Rated operational voltage   | 24 VDC             |
| Rated operational current   | 220 mA             |
| Rated inrush current        | 250 mA             |
| Protection class            | Protection class 2 |
| Pollution degree            | 3                  |

**OPTICAL DATA**

|                      |                           |
|----------------------|---------------------------|
| Light source         | LED                       |
| Light colour         | MC 7 colours              |
| Optical signal image | Blink<br>EVS<br>Permanent |
| Blink frequency      | 1 Hz                      |
| Service life optical | 50,000 h maximum          |

**ACOUSTIC DATA**

|                             |             |
|-----------------------------|-------------|
| Volume (max) at 1m distance | 85,0 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.

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## VarioSIGN 1S BM Contin. tone 24VDC MC

|                       |                 |
|-----------------------|-----------------|
| Acoustic signal image | Continuous tone |
| Audio frequency       | 2400 Hz         |
| 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             | No                    |
| Conforms with UL              | No                    |
| Conforms with FCC             | No                    |
| Conforms with IC              | No                    |
| EAC certificate available     | Yes                   |
| Conforms with UKCA (Importer) | Yes (WERMA (UK) Ltd.) |
| Conforms with AS-I            | No                    |
| ICAO Certification            | No                    |
| Conforms with DNV             | No                    |
| Conforms with RoHS CN         | No                    |
| Conforms with VdS             | No                    |

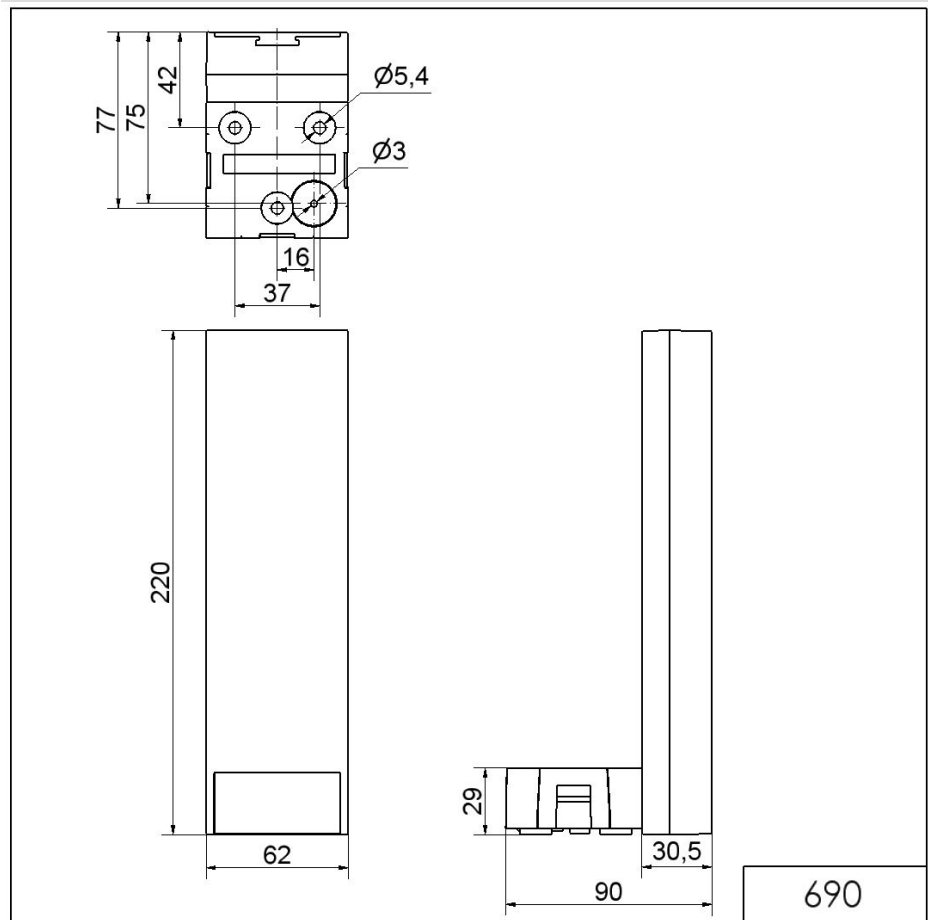


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**DRAWING**



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