

Installation / LED/Buzzer with acknowledgement function

## LED Buzzer EM Contin. tone 24VDC YE



Part No.: 450.300.55



### MECHANICAL DATA

Height	78 mm
Diameter	50 mm
Materials	PC PC/ABS
Dome colour	Yellow
Housing colour	Black
Protection category	IP65
Connection	Screw terminals
cross-sectional area maximum	0,50mm <sup>2</sup> / 20AWG
Type of fixing	Built-in mounting
Working temperature minimum	-20°C
Working temperature maximum	+50°C
Weight with packaging	52 g
Product weight	35 g

### ELECTRICAL DATA

Operating voltage	24V
Operating voltage type	DC
Operating voltage tolerance	+/- 10%
Rated operational voltage	24 VDC
Rated operational current	80 mA
Rated inrush current	500 mA
Protection class	Protection class 2
Pollution degree	3 In the connection area: 2
Current carrying capacity	100 mA

### OPTICAL DATA

Light source	LED
Light colour	Yellow
Optical signal image	Permanent
Service life optical	50,000 h maximum

### ACOUSTIC DATA

Volume (max) at 1m distance	80,0 dB (A)
Acoustic signal image	Continuous tone
Audio frequency	2800 Hz
Acoustic service life	5,000 h minimum

### APPROVAL DATA



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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Conforms with CE	Yes
Conforms with RoHS directive	Yes
WEEE	Yes
Conforms with ATEX-directive	No
Conforms with CCC	No
Conforms with UL	cULus
UL Type Rating	Type 12
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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Technical drawing of a mechanical part, likely a lamp head, showing side and front views with dimensions.

**Side View Dimensions:**

- Overall length: 56
- Distance from mounting base to start of main body: 44
- Distance from mounting base to end of main body: 22
- Distance from mounting base to start of lens: 1
- Mounting base diameter:  $\phi 28$
- Mounting base height: 8,5
- Main body diameter: M22x1,5
- Lens diameter:  $\phi 50$

**Front View Dimensions:**

- Overall diameter:  $\phi 22,5$
- Distance from center to mounting base: 13,6
- Distance from center to lens: 3,2

Part number: 450.X00.00

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