

Installation / LED/Buzzer with acknowledgement function

LED Buzzer EM Contin. tone 24VDC RD



Part No.: 450.100.55



MECHANICAL DATA

Height	78 mm
Diameter	50 mm
Materials	PC PC/ABS
Dome colour	Red
Housing colour	Black
Protection category	IP65
Connection	Screw terminals
cross-sectional area maximum	0,50mm ² / 20AWG
Type of fixing	Built-in mounting
Working temperature minimum	-20°C
Working temperature maximum	+50°C
Weight with packaging	48 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	Red
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. 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 three views: front, side, and top.

Front View (Top): Shows a cylindrical body with a diameter of $\varnothing 50$ mm. The total length is 56 mm. The mounting bracket has a length of 22 mm. The main body has a length of 44 mm. The mounting hole has a diameter of 1 mm.

Side View (Left): Shows a cylindrical body with a diameter of $\varnothing 28$ mm. The length is 8.5 mm.

Top View (Bottom): Shows a circular base with a diameter of $\varnothing 22,5$ mm. The central hole has a diameter of 13.6 mm. The mounting hole has a diameter of 3.2 mm.

Mounting Hole: The mounting hole is labeled $M22 \times 1,5$.

Part Number: 450.X00.00

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