

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

OPTICAL DATA

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

ACUSTICAL 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

Conforms with CE	Yes
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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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WEEE	Yes
Conform 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 AS-I	No
ICAO Certification	No
Conforms with GL	No
Conforms with RoHS CN	No
Conforms with VdS	No

Technical drawing of a mechanical part, showing a side view and a cross-section view.

Side View Dimensions:

- Overall length: 56
- Distance from front face to start of thread: 44
- Thread length: 22
- Thread specification: M22x1,5
- Front face thickness: 1
- Overall diameter: $\varnothing 50$

Cross-section View Dimensions:

- Outer diameter: $\varnothing 28$
- Inner diameter: 8,5
- Radius: 13,6
- Distance from center to outer edge: 3,2
- Inner diameter: $\varnothing 22,5$

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