WERMA®

New products 2021/22

eSIGN

The new e*SIGN* brings new dimensions to light. Electronic modularity enables the product to create a variety of signal modes with various colours, brightness levels and light effects, from the classic signal tower to completely customised settings. e*SIGN* can also switch with ease between variable filling level indications or full-surface signalling. In addition to providing you with an overview of your process cycles, this also opens up completely new options.

e*SIGN* - the new benchmark in industrial signalling

The Kombi*SIGN* signal tower created a global industry standard, and we have now developed it even further. e*SIGN* is the future of signal technology – a signal tower that, thanks to electronic modularity, sets new standards in terms of visibility, individuality and efficiency.

Powerful features, maximum compatibility and an industrial design that blends functionality with style and robustness. As the latest generation, e*SIGN* defines the future of the signal tower and the new standard in industrial signalling.

Take a closer look at the possibilities and performance offered by our new e*SIGN* signal tower. Naturally from WERMA, Europe's leading signal.

Full-surface signalling
Clear, unmistakeable light effects for maximum visibility

Versatile customisation options
Different modes, light effects and tones for diverse applications

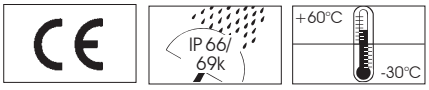
Robust industrial design
UL Type 4X ensures resistance to UV radiation and environmental influences

The right product for every application
2 sizes, with/without siren, 24 V supply voltage / versions with IO-Link technology

- 15 segments, freely triggerable
- With or without siren
- Standard 24 V version with transfer of the configuration via USB
- Version with IO-Link technology
- M12 connection

eSIGN 15 segments

Technical Specifications		
Dimensions (Ø x H)	72.5 mm x 371.5 mm	
Housing	PC, transparent	
Connections	M12 connector 4 pol (IO-Link), 8 pol (standard 24 V)	
Fixing	Base mounting, wall mounting, tube mounting	
Light effects	Permanent, blinking, flashing, double flash, triple flash, rotating	
Colour options	Multicolour, various colours configurable	
Life duration optical	Up to 50,000 h	
Voltage	24 V DC	
	with siren	**without siren**
Current consumption	620 mA	555 mA
Sound output	4 stages / 80-105 dB (A) depending on tone type	-
Tone types	Multi-tone, 10 tones are configurable	-
Life duration audible	Up to 5,000 h	-
IO Link	**657 610 55**	**657 510 55**
24 V	**657 600 55**	**657 500 55**

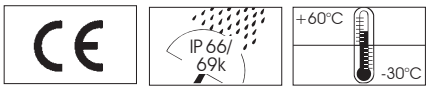


Accessories	
Bracket for 1-sided mounting	**960 000 65**
Base with tube	**960 000 64**

- 9 segments, freely triggerable
- With or without siren
- Standard 24 V version with transfer of the configuration via USB
- Version with IO-Link technology
- M12 connection

eSIGN 9 segments

Technische Informationen		
Dimensions (Ø x H)	72.5 mm x 271 mm	
Housing	PC, transparent	
Connection	M12 connector 4 pol (IO-Link), 8 pol (standard 24 V)	
Fixing	Base mounting, wall mounting, tube mounting	
Light effects	Permanent, blinking, flashing, double flash, triple flash, rotating	
Colour options	Multicolour, various colours configurable	
Life duration optical	Up to 50,000 h	
Voltage	24 V DC	
	with siren	**without siren**
Current consumption	405 mA	335 mA
Sound output	4 stages / 80-105 dB (A) depending on tone type	-
Tone type	Multi-tone, 10 tones are configurable	-
Life duration audible	Up to 5,000 h	-
IO Link	**657 110 55**	**657 010 55**
24 V	**657 100 55**	**657 000 55**



Accessories	
Bracket for 1-sided mounting	**960 000 65**
Base with tube	**960 000 64**

LED Installation beacon MC55 with UL approval

The compact LED installation beacon 240 Multicolour from WERMA is now also available with UL approval required for the USA as well as the high protection rating IP69k. This continues the success story of this small, atten-tion-grabbing product and enables it to be used under extreme conditions around the world.

240 LED Multicolour Beacon MC55

Technical Specifications	
Dimensions (Ø x H)	55 mm x 46 mm (Protrusion from panel)
Housing	PC/ABS-Blend, black PC, black (UL approval)
Lens	PC, transparent
Fixing	Installation mounting M30
Colour options	Red, yellow, green, white, blue, violet, turquoise (RGB) Red, yellow, green (RGY)
Light effect	Permanent or Blinking light (1 Hz frequency)
Tone types and frequency	Pulse tone, 3400 Hz
Life duration light	Up to 50,000 h
Life duration buzzer	Up to 5,000 h

CE

+50°C

-20°C

NEW

With buzzer				
Protection rating	IP 65			
Sound output	85 dB (A)			
	Voltage	Current consumption	Plug M12	Cable
Tricolor (RGY)	24 V DC	45 mA	**240 240 55**	**240 230 55**
Multicolour (RGB)	10-30 V DC	80 mA	**240 140 50**	**240 130 50**
UL approval with buzzer				
Protection rating	IP 69k			
	Voltage	Current consumption	Plug M12	
Tricolor (RGY)	24 V DC	65 mA	**240 440 55**	
Multicolour (RGB)	10-30 V DC	130 mA	**240 340 50**	

NEW

Without buzzer				
Protection rating	IP 65			
	Voltage	Current consumption	Plug M12	Cable
Tricolor (RGY)	24 V DC	45 mA	**240 220 55**	**240 210 55**
Multicolour (RGB)	10-30 V DC	60 mA	**240 120 50**	**240 110 50**
UL approval without buzzer				
Protection rating	IP 69k			
	Voltage	Current consumption	Plug M12	
Tricolor (RGY)	24 V DC	40 mA	**240 420 55**	
Multicolour (RGB)	10-30 V DC	120 mA	**240 320 50**	

883 LED Rotating Mirror Beacon

Technical Specifications		
Dimensions (Ø x H)	142 mm x 218 mm	
Housing	PC/ABS-Blend	
Lens	PC, transparent	
Fixing	Base mounting, Wall mounting, Tube mounting (accessory)	
Cable entry	Cable diameter 5-7 mm	
Connection	Screw terminal 0,5 - 1,5 mm^2	
Drive	Wheel and disc drive, motor in centre of gravity	
Mirror rotation rate	180 r.p.m.	
Life duration LED	> 50,000 h	
Duty cycle	100 %	
Voltage	24 V AC/DC	115-230 V AC
Current consumption	250 mA	95 mA
■	**883 130 75**	**883 130 60**
■	**883 230 75**	**883 230 60**
■	**883 330 75**	**883 330 60**
■	**883 530 75**	**883 530 60**
Further colours and voltages on request.		

884 LED Revolving Signal Beacon

Technical Specifications		
Dimensions (Ø x H)	142 mm x 218 mm	
Housing	PC/ABS-Blend	
Lens	PC, transparent	
Fixing	Base mounting, Wall mounting, Tube mounting (accessory)	
Cable entry	Cable diameter 5-7 mm	
Connection	Screw terminal 0,5 - 1,5 mm^2	
Drive	Wheel and disc drive, motor in centre of gravity	
Mirror rotation rate	60 r.p.m.	
Life duration LED	> 50.000 h	
Duty cycle	100 %	
Voltage	24 V AC/DC	115-230 V AC
Current consumption	250 mA	95 mA
■	**884 130 75**	**884 130 60**
■	**884 230 75**	**884 230 60**
■	**884 330 75**	**884 330 60**
■	**884 530 75**	**884 530 60**
Further colours and voltages on request.		

Accessories 883 + 884	
Plastic bracket for wall mounting	**975 883 06**
Adaptor for tube mounting	**975 883 09**
Base for tube mounting	**975 840 91**
Tube, Ø 25 mm, 100 mm long	**975 845 10**
Tube, Ø 25 mm, 250 mm long	**975 840 25**
Wire guard, only for base mounting	**975 883 08**

Worker 4
Worker 3
Worker 2
Worker 1
WERMA
Worker 4
Worker 3
Worker 2
Worker 1

Andon*WIRELESS*

The new WERMA Andon*WIRELESS* call for action system is the quick and easy way to report, display and rectify problems in a targeted manner. Have you been mainly been solving faults and problems by shouting or walking around? Using Andon*WIRELESS*, you can now report them professionally at the push of a button. The wireless connection between the buttons and signal towers makes installation easier and faster than ever before, saving you time and money. Every button (Andon Wireless*BOX*) can be operated using mains power or battery power. This allows you to use it as a stand-alone system for mobile applications, e.g. on forklifts or tugger trains. Keep your operation future-proof and flexible for greater efficiency in the workplace.

Your benefits

- Andon Wireless*SET* with 5-button box (Andon Wireless*BOX*) and 3-tier signal tower
- Andon Wireless*SET* with 2-button box (Andon Wireless*BOX*) and 2-tier signal tower
- Configure your individual call for action system easily and conveniently using the Quickfinder.

Typical applications

- Professional reporting of workstation problems
- Material replenishment control with acknowledgement function
- Optimisation of processes in production and logistics departments
- Access control for doors and gates

Features

- Andon Wireless*BOX* with 2 or 5 buttons
- Signal tower with 2 to 5 tiers
- Configurable button illumination
- Multifunctional acknowledgement function
- Transceiver for wireless signal reception
- Simple configuration software
- Can be combined with control station function: easy to upgrade to Smart*MONITOR* or Andon*SPEED*

1. Andon Wireless*SET* - Pre-configured

Andon Wireless*SET*
Basic 5 Button
Order No. **649 000 13**

Andon Wireless*SET*
Basic 2 Button
Order No. **649 000 12**

Buzzer
Order No. **645 800 75**

2 tone Siren
Order No. **645 870 75**

8 tone Siren
Order No. **645 890 75**

Vocal element
Order No. **645 840 55**

Twin*LIGHT* red
Order No. **647 110 75**

Twin*LIGHT* yellow
Order No. **647 310 75**

Twin*LIGHT* green
Order No. **647 210 75**

Twin*LIGHT* white
Order No. **647 430 75**

Twin*LIGHT* blue
Order No. **647 510 75**

Indication board
Order No. **960 000 05**

2. Andon Wireless*SET* - INDIVIDUAL

Andon Wireless*BOX* incl. Power supply
Order No. **860 000 16**
Order No. **860 000 17**

Andon Wireless*BOX* incl. Power supply
Order No. **860 000 18**
Order No. **860 000 19**

Optional:
Mounting tape
Order No. **960 860 04**

Transceiver
Order No. **862 000 03** (868 Mhz)
Order No. **862 000 05** (921 Mhz)

230 V

Signal elements (up to maximum of 2 resp. 5)

Buzzer
Order No. **645 800 75**

2 tone siren
Order No. **645 870 75**

8 tone siren
Order No. **645 890 75**

Vocal element
Order No. **645 840 55**

Twin*LIGHT* red
Order No. **647 110 75**

Twin*LIGHT* yellow
Order No. **647 310 75**

Twin*LIGHT* green
Order No. **647 210 75**

Twin*LIGHT* white
Order No. **647 430 75**

Twin*LIGHT* blue
Order No. **647 510 75**

Base mounting

Connection Set incl. Power supply
Order No. **860 640 09**

Fixing bracket
Order No. **975 883 01**

Tube mounting

Terminal element with plug
Order No. **640 000 02**

Power supply incl. adapter
Order No. **960 860 02**

Tube Ø 25 mm, all anodised
Order No.
100 mm long **975 845 10**
250 mm long **975 840 25**
400 mm long **975 840 40**
600 mm long **975 840 60**
800 mm long **975 840 80**
1000 mm long **975 840 03**

Base for Tube, plastic
Order No. **975 840 90**

Base for Tube, metal
Order No. **975 840 91**

Foldable base
Order No. **960 000 30**
Order No. **960 009 12**

Base with integrated tube
Order no. **975 840 10**

Strain relief for base with integrated tube
Order No. **960 649 01**

Bracket for base mounting
Order No. **960 000 14**

Bracket for tube mounting
Order No. **960 000 01**

24 V

Pre-configured signal tower

Base mounting

Twin*LIGHT*
Order No.
649 000 01

Bracket for wall mounting
Order No.
960 000 02

Bracket for
1-sided mounting
Order No.
975 840 85

Bracket for
2-sided mounting
Order No.
975 840 86

Tube mounting

Twin*LIGHT*
Order No.
649 000 02

Bracket for base mounting
Order No.
960 000 14

Bracket for tube mounting
Order No.
960 000 01

Beschriftungstafel
Order No. **960 000 05**

Further accessories can be found in our current catalogue or at **www.werma.com**

EUROPE'S LEADER IN SIGNALLING

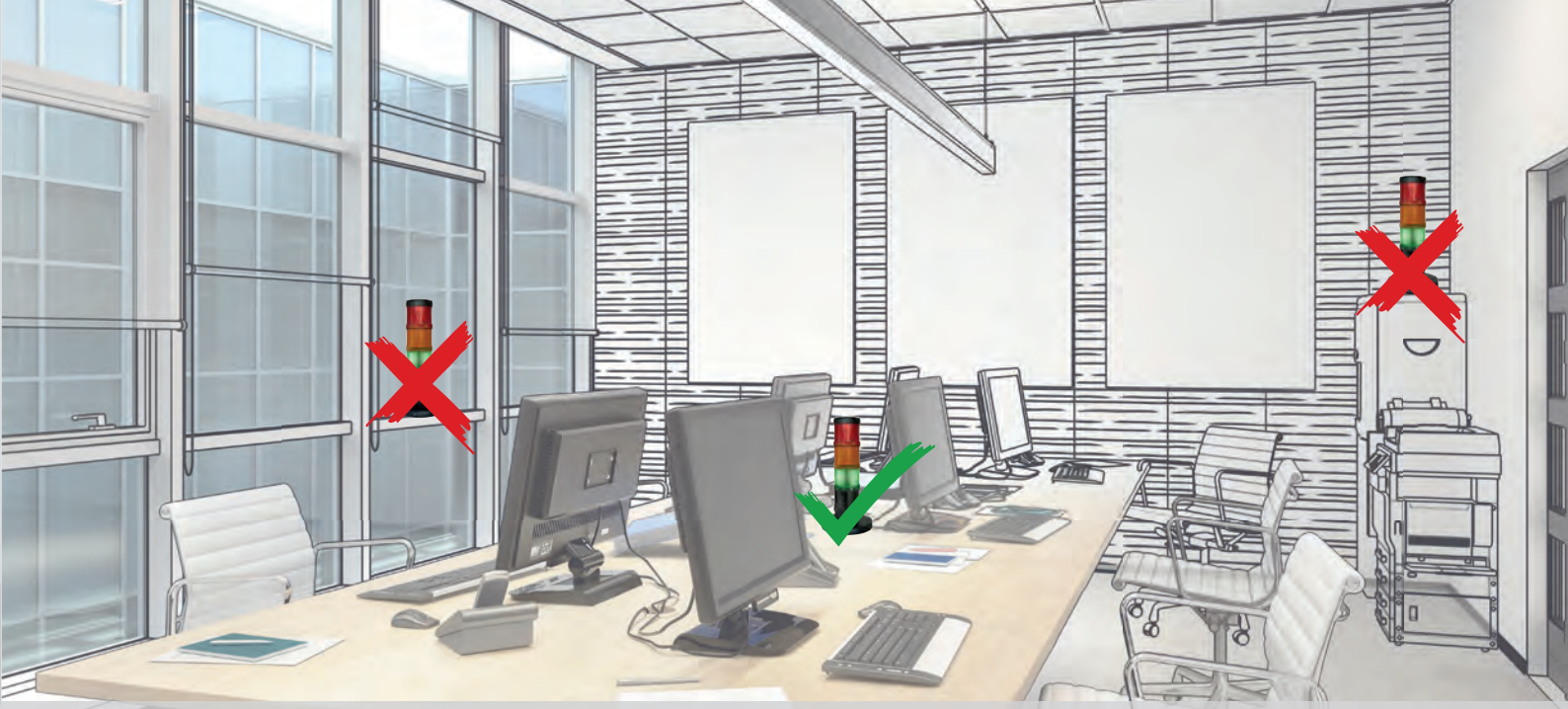
PANDEMIC CONTROL

Given the current coronavirus pandemic, we are in an unprecedented, exceptional situation. The current situation is changing our lives in all aspects and we face new challenges every day. People's health and protection are a top priority.

WERMA

CO_2 traffic light (1.000/800 ppm)

With the CO_2 traffic light, the current carbon dioxide (CO_2) concentration in the ambient air can be measured and made visible. The three traffic light colors clearly show whether ventilation is necessary or not. This avoids high concentrations of CO_2 and aerosols in the ambient air of any offices and conference rooms, restaurants, shops, theatres, doctor's practices, universities, gyms and all other public buildings and reduces the risk of transmission of COVID-19 to a minimum.



Install the traffic light

- no higher than 2 m above the floor
- not directly on the window

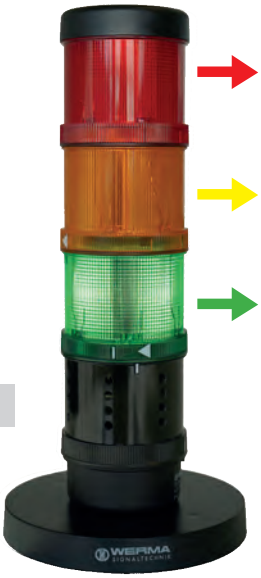
- Signal Tower (green/yellow/red) with CO_2 sensor 1.000 ppm with mounting material and Power supply unit for 230 V
  Order No. **649 000 10**

- Signal Tower (green/yellow/red) with CO_2 sensor 1.000 ppm with mounting material and Power supply unit for 230 V (UK version)
  Order No. **649 000 15**

- Signal Tower (green/yellow/red) with CO_2 sensor 800 ppm with mounting material and Power supply unit for 230 V
  Order No. **649 000 14**

Optional - Bracket for Wall mounting

- Bracket
  Order No. **975 883 41**



> 2.000 ppm bzw. > 1.200 ppm
If the traffic light is red, it is urgently necessary to ventilate the room until the traffic light turns green again.

At a concentration of **>3.000 ppm resp. >2.000 ppm**, the traffic light flashes red to indicate that there is now a danger to health.

>1.000 - 2.000 ppm* resp. > 800 - 1.200 ppm
If the traffic light is yellow, the room should be ventilated.

<=1.000 ppm* resp. <= 800 ppm
If the traffic light is green, there is no need to ventilate the room.

*ppm = parts per million, i.e. volume parts per million volume parts

CROWD MANAGEMENT WIRELESS SIGNAL*SET*

Government and the Health authorities recommend maintaining a safe "social distance" of 2 m between persons. This requires a degree of organisation of customers entering shops and surgeries and in fact any public buildings. The signal device manufacturer WERMA can offer a simple easy to install solution with its wireless Signal*SET*, the optimal solution for crowd management and access control.

The WERMA Crowd Management set consists of a Signal Tower with wireless transmitter, base, bracket for wall mounting and a power adaptor unit for a 230 V power supply. If no power connection is possible outside the building, the Signal Tower can alternatively be equipped with a USB connection element which you can connect to a standard USB power bank.

The Crowd Management wireless Signal*SET* is ideal for supermarkets, smaller retailers such as bakeries, butchers, or even petrol stations, pharmacies and hospitals. For other applications we will be happy to put together an individual set for you. Contact us.

230 V Power supply
Order No. 649 191 01

Alternative: USB powered set
Order No. 649 191 02

Contents (230 V version):

- Wireless connected signal tower for outdoor use (green/red)
- Indication board to explain the signal colours (e.g. green = please enter; red = please wait)
- Remote control for easy operation
- Mounting material and Power supply
  Order No. **649 191 01**

USB powered Set (alternative):

Power can also be supplied via a standard USB power bank (recommendation 20,000 mAh for 20 hours of operation).

Order No. **619 191 02**

USB Powerbank not included.

Optional:

- Vocal element
  (record your own audio file or message to be played back through the vocal element - not possible in combination with the USB version)
  Order No. **645 840 55**
- Contact box with magnetic base
  Order No. **975 840 04**
- Foldaway Base
  Signal tower can be folded away
  Order No. **960 000 30**

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Please note:
This is just a small selection from our product range. Further products can be found in our current catalogue or at **www.werma.com**.

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