WERMA®

Leading signals.
Smart solutions.



e*SIGN* – a new dimension in signalling

The best signal tower ever.

www.werma.com



eSIGN – 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.

Whether classic in black or bright and clean in white: 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 suitable for cleanrooms

UL Type 4X ensures resistance to UV radiation and environmental influences
Certified for use in cleanrooms (class 2)

The right product for every application

3 sizes, with / without siren, 24 V supply voltage / versions with IO-Link technology / version with ProfiNET interface

High design standards

Also available in white for applications e.g. in cleanrooms or in electronic production

Signal technology as you've never seen it before

The 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.

- **Classic signal tower indication in individual tiers**
- **Autoscale mode for full-surface signalling and optimum visibility**
- **Variable filling level indication from 0 to 100 %**
- **Individual triggering to suit your requirements**





eSIGN the compact signal tower new version with 6 segments

The new e*SIGN* now also offers a version with 6 segments, enabling flexible and comprehensive signalling. Available with IO-Link technology and in 24V versions, each with or without siren. With a choice of black or white housing, the e*SIGN* signal tower adapts to any industrial environment.

The e*SIGN* offers outstanding possibilities; now with 6 segments:

- **Maximum visibility thanks to full-surface signalling.**
- **Individual customisation, to create a three tier signal tower in the signal tower mode**
- **Precise signalisation of process status via filling level mode.**

With its compact design, the e*SIGN* is the perfect solution for use on small machines, without sacrificing functionality or flexibility.

Light in new dimensions

The e*SIGN* is a brilliant example of a signal tower with visibly greater performance. More colours, more effects, more individuality. Or do you need a classic signal tower? A variable filling level indicator? Full-surface signalling, or completely individual signalling options? Diverse light effects such as permanent, blinking, flashing or rotating light? e*SIGN* can meet of all these requirements. This is made possible through electronic modularity combined with the latest LED technology.



Ready to resist.

- **Enhanced resistance to typical production substances**
- **UV resistant**
- **IP66 / IP69k**
- **UL type 4X**
- **DIN EN ISO 14644-1**
  (Cleanroom applications with Air Cleanliness Class 2)

Warns and alerts, indicates filling levels, renders processes safe and efficient

Process monitoring

Access control

Alerting

Visual warning

Operating status

Monitoring

Filling level indication



Fault indication

Status indication

Material availability level

Audible warning

Building security



Up to *105 dB*

sound output level at max 1m distance



Ensure that everything is running okay? Sounds good.

Production, logistics, building services, mechanical and plant engineering, … audible signalling systems are an indispensable part of daily working processes all over the world. This does not apply solely to the safety of personnel and the protection of equipment, but also smooth workflows and the comforting assurance that everything is running okay.
The new e*SIGN* offers the option of a siren with up to 10 different tones that can also be set to meet application-specific requirements.
The siren can of course be combined with light effects, variable sound output options and uncomplicated configuration. Sounds good? Sounds like WERMA.



eSIGN is versatile and can be customised – as if made especially for you

Works perfectly. Every time.

Let's talk about performance, production quantities and supply structures, processing procedures and manufacturing processes. Are we talking about safety, reliability and consistent improvement? If so, then we are also talking about e*SIGN*. As the best signal tower ever created, the new e*SIGN* offers visibility in completely new dimensions – and the efficiency and reliability required for almost unlimited applications.

- **Machines and plant equipment**
- **Manual workstations**
- **Clean rooms**
- **Transportation and conveyor belts**
- **Shipping and packaging stations**
- **Loading bays and ramps**

With individual modes, acoustic signals and light effects as well as a black or white housing, e*SIGN* ensures that you are always on the right track. Get started today and use e*SIGN* to realise the the future of signalling in your company.



eSIGN is available in a number of variants

Do you believe that a high degree of technological sophistication and uncomplicated usability should not be contradictory? We agree. e*SIGN* provides quick and intuitive configuration via IO-Link or transfer of the configuration via USB. A range of installation options are available and commissioning is easy. Just as you would expect from WERMA as Europe's leading signal.

eSIGN 15 segments



- 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
- Approval for class 2 cleanroom applications
- Version with ProfiNET interface

GENERAL DATA

Height / Diameter	371.5 mm / Ø 72.5 mm
Materials	PC
Lens colour / Housing colour	Transparent / Black or White
Protection rating	IP66 / IP69k
Connection	M12 connector 4 pole (IO-Link), 8 pole (standard 24 V), M12 socket 4 pole D-coded (ProfiNET)
Installation options	Base mounting, wall mounting, tube mounting
Operating temperature	-30° C to +60° C
Voltage	24 V DC
Current consumption	620 mA (with siren), 555 mA (without siren), PoE and PoE+ (ProfiNET)
Part numbers (Housing colour black)	**IO-Link version: 657 610 55** (with siren), **657 510 55** (without siren) **Standard 24V: 657 600 55** (with siren), **657 500 55** (without siren) **ProfiNET: 657 600 56** (with siren)
Part numbers (Housing colour white)	**IO-Link version: 657 810 55** (with siren), **657 710 55** (without siren) **Standard 24V: 657 800 55** (with siren), **657 700 55** (without siren)

OPTICAL DATA

Light source / Light colour	LED / Multicolour; various colours configurable
Optical light effects	Permanent, blinking, flashing, double flash, triple flash, rotating

AUDIBLE DATA: Only for versions with siren

Sound output (max) at 1m distance	105 dB (A)
Tone type / Number of tones	Multi-tone / 10 standard tones or customised configurable
Adjustable sound output / Adjustable range	4 stages / 80–105 dB (A), depending on tone type

eSIGN offers Maximum flexibility

Fraunhofer IPA TESTED DEVICE
WERMA Signaltechnik
eSIGN
Report No. WE 2309-1457
valid until: October 18, 2028



- Base mounting
- Wall mounting
- Tube mounting

eSIGN 9 segments



- 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
- Approval for class 2 cleanroom applications
- Version with ProfiNET interface

GENERAL DATA

Height / Diameter	271 mm / Ø 72.5 mm
Materials	PC
Lens colour / Housing colour	Transparent / Black or White
Protection rating	IP66 / IP69k
Connection	M12 connector 4 pole (IO-Link), 8 pole (standard 24 V), M12 socket 4 pole D-coded (ProfiNET)
Installation options	Base mounting, wall mounting, tube mounting
Operating temperature	-30° C to +60° C
Voltage	24 V DC
Current consumption	405 mA (with siren), 335 mA (without siren), PoE and PoE+ (ProfiNET)
Part numbers (Housing colour black)	**IO-Link version: 657 110 55** (with siren), **657 010 55** (without siren) **Standard 24V: 657 100 55** (with siren), **657 000 55** (without siren) **ProfiNET: 657 100 56** (with siren)
Part numbers (Housing colour white)	**IO-Link: 657 310 55** (with siren), **657 210 55** (without siren) **Standard 24V: 657 300 55** (with siren), **657 200 55** (without siren)

OPTICAL DATA

Light source / Light colour	LED / Multicolour; various colours configurable
Optical light effects	Permanent, blinking, flashing, double flash, triple flash, rotating

AUDIBLE DATA: Only for versions with siren

Sound output (max) at 1m distance	105 dB (A)
Tone type / Number of tones	Multi-tone / 10 standard tones or customised configurable
Adjustable sound output / Adjustable range	4 stages / 80–105 dB (A), depending on tone type

eSIGN – variety in perfection: for every application the right solution

eSIGN 6 segments



- 6 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
- Version with ProfiNET interface

GENERAL DATA

Height / Diameter	219 mm / Ø 72,5 mm
Materials	PC
Lens colour / Housing colour	Transparent / Black or White
Protection rating	IP66 / IP69k
Connection	M12 connector 4 pole (IO-Link), 8 pole (standard 24 V), M12 socket 4 pole D-coded (ProfiNET)
Installation options	Base mounting, wall mounting, tube mounting
Operating temperature	-30° C to +60° C
Voltage	24 V DC
Current consumption	325 mA (with siren), 255 mA (without siren), PoE and PoE+ (ProfiNET)
Part numbers (Housing colour black)	**IO-Link version: 657 450 55** (with siren), **657 440 55** (without siren) **Standard 24V: 657 430 55** (with siren), **657 420 55** (without siren) **ProfiNET: 657 430 56** (with siren)
Part numbers (Housing colour white)	**IO-Link version: 657 950 55** (with siren), **657 940 55** (without siren) **Standard 24V: 657 930 55** (with siren), **657 920 55** (without siren)

OPTICAL DATA

Light source / Light colour	LED / Multicolour; various colours configurable
Optical light effects	Permanent, blinking, flashing, double flash, triple flash, rotating

AUDIBLE DATA: Only for versions with siren

Sound output (max) at 1m distance	105 dB (A)
Tone type / Number of tones	Multi-tone / 10 standard tones or customised configurable
Adjustable sound output / Adjustable range	4 stages / 80–105 dB (A), depending on tone type



Never rest on your laurels

The new e*SIGN* is a visible symbol of consistent progress.

Many years ago, Kombi*SIGN* saw us create a benchmark in the field of industrial signalling. But have we rested on our laurels? We would not be where we are today if we had not constantly endeavoured to improve our solutions and make them even better – both in the small details and major new features.

The new e*SIGN* represents a major step forward – and a visible sign of technological progress that we resolutely encourage.

With electronic modularity, a robust industrial design and powerful features, it sets new standards in terms of individuality and flexibility.

And what is the result of all this? A quantum leap in terms of possibilities. Full-surface signalling enormously enhances perception and awareness. Consequently, the potential of the signal tower is optimally exploited. This enables our customers to maintain an even broader, more comprehensive, more precise and more proactive overview of their processes. Or, put simply: new dimensions in signalling. Yes indeed, it is no understatement to say that e*SIGN* is the best signal tower we have ever developed.

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