



WERMA *report*

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A complete overview

with WIN, the Wireless Information Network from WERMA



WIN is a simple, economical, machine data analysis system (MDA system) for the wireless remote monitoring of machines. Up to fifty machines of vastly different ages and functions can be centrally monitored and analysed via wireless technology. This enables you to react quickly and safely to malfunctions, save money and raise the productivity and efficiency of your machines.

WIN can be simply installed via "Plug & Play". No additional wiring if required as your existing WERMA signal towers can be used

and the signals are transmitted via wireless technology. The unobstructed transmission range is 300 m.

YOU HAVE THE CHOICE

You have the choice of two product kits, both of which can be expanded as desired at any time. "WIN complete" is our all-inclusive kit, with three pre-configured signal towers. In contrast, "WIN system" consists of three pre-configured WIN slaves which can be distributed amongst the existing signal towers which need to be monitored. Machine data is immediately transmitted to the small master device which is connected to your PC via USB cable.

SOFTWARE FOR MONITORING AND ANALYSIS

The supplied software displays the status of the signal towers integrated into the wireless network on the PC – all at one glance. The user can specify which machine data he monitors and evaluates. A range of different modules (e.g. failure analysis over time, down time per machine) help raise the machine efficiency.

You can find further information at www.werma.com.



WIN enables vastly different machines to be centrally monitored.



The supplied software provides valuable machine data.

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The energy saving LED flash from WERMA is not to be overseen

WERMA has launched a new light-intensive LED flash for its KombiS/IGN 50 signal tower. The extremely bright, attention-grabbing flash is clearly visible even in direct sunlight. The LED technology ensures low power consumption – reducing the electricity bill and helping the environment.

Even with regular use, the LED flash accompanies the respective machine throughout its entire life cycle.



Clean and safe: the CleanS/IGN from WERMA

The new LED signal tower CleanS/IGN was specially developed and constructed for use in the food and pharmaceutical industry as well as cleanroom applications. From the very start, the existing standards and directives (e.g. EHEDG documents 8 and 13, machinery directive 2006/42/EG) were rigorously implemented, and experts and specialists in the field of hygiene consulted (e.g. TU Munich, Fraunhofer Institute).

WIDE RANGE OF SOPHISTICATED DESIGN FEATURES

The new CleanS/IGN is equipped with a series of sophisticated technical, constructional and design features which make a significant contribution to the safety of your products. For example, thanks to its compact construction it does not have any uneven surfaces, grooves or joints where dirt could collect.

This prevents impurities, significantly reducing the risk of contamination.

SAVE TIME AND MONEY

Thanks to the CleanS/IGN's cleaning-friendly design, cleaning times are significantly reduced and simple, residue-free removal of dirt is guaranteed. In addition, savings are made in both of energy consumption and cleaning agents.



A sweet smelling solution!

Explosion protection in the perfume and aroma industry



Cosmetics, perfumes or aromas contain substances which can quickly become an explosion hazard during the production process.

During the decanting and filling of these sensitive substances, explosion hazardous areas arise in the production environment which must be kept free of any potential sparks. The same applies to the dosing system where volatile aromas and scents are combined within an automated process.

The operator must be able to immediately see from a distance whether the machine is running, or if a malfunction had occurred. This is indicated by the explosion protected signal tower 740 from WERMA. Bright LEDs radiate through 360°, indicating the machine status in three colours. With their typical life duration of up to 100,000 hours, the LEDs make the signal tower practically maintenance-free. The pressure-resistant glass and aluminium housing ensures comprehensive explosion protection.

Watches over aromas and scents:
the explosion protected LED signal tower 740.

Chameleon or zebra?

Be your own designer.

Attractive industrial design is becoming increasingly important, even in the mechanical engineering sector. With its aesthetically pleasing signal tower FlatSIGN, WERMA has already taken a step in this direction. With its curved form, it blends inconspicuously into machine housings of a range of different sizes.

INDIVIDUALITY THROUGH COLOURS, PATTERNS AND DESIGNS

In this regard the FlatSIGN proves itself highly adaptable and is, now available in a colour of your choice. You can choose from the complete range of RAL colours, as well as special designs such as wood or metallic effects and even a Zebra pattern. The colour can be used to blend the signal tower seamlessly into the machine, or can add a stylish touch of colour to guarantee a design highlight.



A Bright Future

for signalling Technology

Good visibility, even in direct sunlight, is a basic precondition for the reliable deployment of signal devices in outside areas. This is a standard feature of the signal beacons and towers from WERMA. There are however applications which place even more extreme demands on the visibility of optical signalling.

UP TO 20 TIMES BRIGHTER

Thanks to its sophisticated triggering, the innovative LED element "ultrabright" is up to 20 times brighter than conventional LED beacons making it almost certainly the brightest permanent light that the world of signalling technology currently has to offer. Furthermore, the intelligent electronics ensure that the LEDs operate at maximum brightness, depending on the ambient and operating temperatures.

The "ultrabright" LED element is therefore always working at its optimum, and the energy-saving LED technology also ensures that power consumption is kept to a minimum.



I see what you don't see...

Monitor machines out of eyeshot with KombiSIGN reflect

WERMA provides an easy solution for the remote wireless monitoring of machinery. The new "KombiSIGN reflect" product kit can be integrated into existing signal towers and "reflects" the status of the machine to a WERMA signal tower within your line of sight.

This enables you to wirelessly monitor machines situated a greater distance away and quickly respond to malfunctions. With KombiSIGN reflect, even machines which were not previously network-capable can now be remotely monitored. The system uses the 868 MHz frequency band and has an unobstructed transmission range of up to 300 m.

KombiSIGN reflect is available for the WERMA KombiSIGN 70 and 71 signal tower ranges. The kit consists of two elements that transmit and receive the data via radio signal (Slave and Master).



Beautiful and effective.

WERMA Signaltechnik wins „iF product design award 2010“

WERMA Signaltechnik has won the prestigious “iF product design award 2010”. The company received the prize for the design and manufacture of its “VarioSIGN” signal tower. The jury selected the WERMA product from around 2,500 submissions.

MULTI-TALENTED SIGNALLING DEVICE BLENDS INTO ITS ENVIRONMENT



The LED signal tower VarioSIGN 690 from WERMA is a multi-talented signalling device. Just like a Chameleon, it blends into its surroundings: When not activated the tower is hardly noticeable – making it all the more attention-grabbing when it springs to life with colour, light effects and an audible signal. The product can be either surface mounted or flush-fitted – enabling VarioSIGN to flexibly adapt to a range of different machine concepts.

In the words of R&D Director Christian Höhler, on receiving the award: “With our VarioSIGN we have completely redefined the signal tower concept. The iF product design award and the feedback from our customers shows that our boldness has paid off!”

Make sure everything goes swimmingly
with WERMA!



A new surveillance system for both indoor and outdoor swimming pools immediately guarantees the highest possible safety for swimmers and the quickest possible rescue of those in difficulty.

IMMEDIATE RESCUE THANKS TO WERMA

Every visitor to the swimming pool is given a wristband computer which is programmed according to the individual's swimming ability. If the values saved for water depth or time are exceeded, the wristband automatically sends an ultrasound signal to the receiver mounted in the pool.

The alarm box on the edge of the pool, equipped with the loud LED/Buzzer Combination 420 from WERMA, immediately sounds the alarm. This enables pool staff to react immediately and rescue the person in difficulty as quickly as possible.



Staff developments



BIRGIT SCHMIDBERGER

Since October 1st 2009, the 23 year-old Birgit Schmidberger (Bachelor of Engineering (DHBW)), has been energetically supporting the Product Management Department.

After completing her three year programme of studies at WERMA with a specialisation in mechanical engineering, she is now primarily responsible for the Signal Tower product range and “software supported products”.

WERMA Trade Fair Calendar

We look forward to seeing you at the Light+Building trade fair in Frankfurt (Hall 11, Stand C73) between April 11th and 16th, 2010. Or visit us between September 13th and 16th, 2010 at the Motek trade fair in Stuttgart.

We will be presenting our latest products and innovations in the field of optical and audible signalling.

Further trade fair dates can be found at www.werma.com!

light+building



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