

NEW



The slave sends the status directly to the master, and reflects the status of the signal tower installed on the machine

- Simple monitoring of signal towers out of view
- Signal tower "reflection" to a central location
- Shortening of reaction times and reduction of costs
- KombiSIGN reflect is integrated into existing WERMA signal towers
- No additional wiring costs
- Simple commissioning due to pre-configured modules

i TECHNICAL SPECIFICATIONS:

Slave

Dimensions (Ø x Height):	70 mm x 65.5 mm
Housing:	PC, black
Connection:	Bayonet
Operating voltage:	24 V ≈
Current consumption:	40 mA

Master

Dimensions (Ø x Height):	70 mm x 65.5 mm (without antenna)
Housing:	PC, black
Connection:	Bayonet
Operating voltage:	24 V =
Current consumption:	40-90 mA

Wireless connection

ISM frequency:	868 MHz (KombiSIGN reflect conforms to the EU's EN 300220 harmonised standard and can thus be used in all EU member countries. Further countries upon request.)
Transmission range:	Up to 300 m (unobstructed line of sight)



Remote transmission via wireless signal with a maximum range of up to 300 m (unobstructed line of sight)

ORDER SPECIFICATIONS:

KombiSIGN 71 reflect	861 640 01
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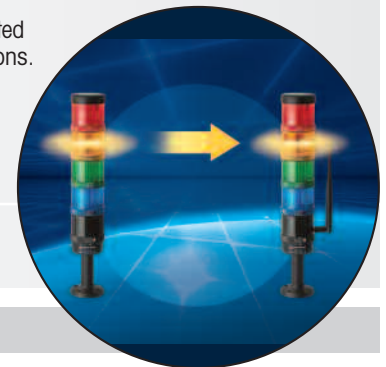
! ADDITIONAL INFORMATION:

Signal tower "reflection"

WERMA Signaltechnik provides a simple solution for the remote wireless monitoring of machinery. The new "KombiSIGN reflect" kit can be integrated into existing signal towers which are already installed on your machines. KombiSIGN reflect "reflects" the status of the machine to a signal tower within your line of sight.

This enables you to wirelessly monitor machines situated at a greater distance and respond quickly to malfunctions. With KombiSIGN reflect, even machines which were not previously network-capable can now be remotely monitored.

Further information can be found in the chapter "Tech-Talk" on page 324.



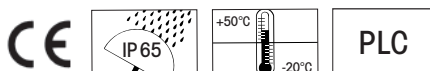
Simple monitoring of signal towers out of view



Simply fit the KombiSIGN reflect slave to the signal tower on the machine

TECHNICAL DIAGRAMS:

see page 289



KombiSIGN reflect



Keep an eye on your machines with KombiSIGN reflect

Do you want

- to monitor machines that are out of view?
- to improve the productivity and efficiency of your machines?
- to react quickly and safely in the event of malfunctions?
- to save costs?

Then WERMA has the solution for you!

Signal tower “reflection”

WERMA Signaltechnik provides a simple solution for the remote wireless monitoring of machinery. The new **KombiSIGN reflect** kit can be integrated into existing WERMA signal towers which are already installed on your machines.

KombiSIGN reflect “reflects” the status of the machine to a signal tower within your line of sight. This enables you to **wirelessly monitor** machines situated at a greater distance and respond quickly to malfunctions. With KombiSIGN reflect, even machines which were not previously network-capable can now be remotely monitored.

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 wireless signal (**slave and master**).



KombiSIGN reflect consists of a slave and a master

KombiSIGN reflect: Simple “plug & play” integration

The two KombiSIGN reflect elements are **synchronised and ready for immediate operation**. The signal towers located on the machines can simply be fitted with the KombiSIGN reflect slave. A second identical signal tower, which you have previously selected from WERMA’s KombiSIGN product range, is fitted with the KombiSIGN reflect master and placed within view.

The status of the first tower is then immediately transmitted to the second tower, where it is **reflected one-to-one**.

The system uses the **868 MHz frequency band** and has a **transmission range of up to 300 m** (unobstructed line of sight). The indoor range may be less depending on the characteristics of the building.

You will find further technical information together with the order data on page 44 (KombiSIGN 70) and page 23 (KombiSIGN 71).



Simply fit the KombiSIGN reflect slave to the signal tower on the machine