



WIN slave/transmitter and  
WIN slave performance/  
transmitter performance

- Economical wireless-based Machine Data Collection system (MDC system)
- Analyse and improve production processes
- Monitor the status of machines
- Easy to install, intuitive software

### **i** TECHNICAL SPECIFICATIONS:

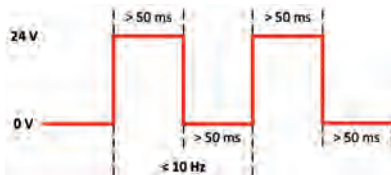
Patent  
approved

#### WIN slave / WIN transmitter

Dimensions (Ø x Height):	70 mm x 65.5 mm
Housing:	PC, black
Connection:	Bayonet
Operating voltage:	24 V AC/DC
Current consumption:	40 mA, max. 430 mA

#### WIN slave performance / WIN transmitter performance

Dimensions (Ø x Height):	70 mm x 65.5 mm
Housing:	PC, black
Connection:	Bayonet
Operating voltage:	24 V AC/DC
Current consumption:	40 mA, max. 430 mA
Counter input:	Max. 10 Hz



The counter impulse of the WIN slave/  
transmitter performance is max. 10Hz

#### WIN master / WIN receiver

Dimensions (L x H x W):	76 mm x 30 mm x 80 mm (without antenna)
Housing:	ABS, black
Connection:	Via USB
Operating voltage:	Via USB (5 V DC)
Current consumption:	< 100 mA
Counter input:	Windows XP SP 3, Windows Vista SP 2, Windows 7, Windows 8, Windows Server 2003 SP 2, Windows Server 2008

#### Wireless connection

##### ISM frequency:



868 MHz  
(WIN conforms to the EU's  
EN 300220 harmonised  
standard and can thus be  
used in all EU member  
countries.)



915 MHz  
(only for use in  
North America)

Further countries upon request

##### Transmission range:

Up to 300 m (unobstructed line of sight)  
Every WIN slave (performance) / WIN transmitter  
(performance) simultaneously functions as a "repeater",  
enabling the transmission range to be significantly increased.



The WIN system has a transmission  
range (unobstructed line of sight)  
of 300 m



Plug and play with WIN system:  
Fit WIN slaves to an existing WERMA  
signal tower and connect the WIN  
master/receiver to the PC



The software shows the status  
of signal towers connected  
to the system



Expand the network at any time.  
You can monitor up to 50 machines  
within the WIN system



## ORDER SPECIFICATIONS:



### STARTER KITS

WIN system for KombiSIGN 70	860 840 01	860 840 04
Assembly: WIN master/receiver, 3 WIN slaves/transmitters KombiSIGN 70 (pre-configured), software, USB cable		

WIN system performance for KombiSIGN 70	860 840 11	860 840 14
Assembly: WIN master/receiver 3 WIN slaves/transmitters performance KombiSIGN 70 (pre-configured), software, USB cable		

### ADDITIONAL ITEMS

WIN slave for KombiSIGN 70	860 840 02	-
Assembly: WIN slave (not pre-configured) Both networks can be fitted with up to 50 WIN slaves.		

WIN transmitter for KombiSIGN 70	-	860 840 05
Assembly: WIN transmitter (not pre-configured) Both networks can be fitted with up to 50 WIN transmitters.		

WIN slave performance for KombiSIGN 70	860 840 12	-
Assembly: WIN slave performance (not pre-configured) The network can be expanded to up to 50 WIN slaves performance per network as required.		

WIN transmitter performance for KombiSIGN 70	-	860 840 15
Assembly: WIN transmitter performance (not pre-configured) The network can be expanded to up to 50 WIN transmitter performance per network as required.		

WIN master	860 000 00	-
Assembly: WIN master with USB cable, software		

WIN receiver	-	860 000 01
Assembly: WIN receiver with USB cable, software		



### ADDITIONAL INFORMATION:

Please check the wireless frequency. In Europe the version with 868 MHz is used.  
In North America the version with 915 MHz is used. Please enquire about use in other  
countries.



### TECHNICAL DIAGRAMS:

see page 323



860 840 05  
860 840 15

See note  
on page 347

860 840 X2  
860 840 X5

860 000 0X

