



KombiSIGN 72 - Signal Tower

Size comparison KombiSIGN 72 / 40



Signalisation Index

Optical		Audible	105 dB Siren
LED Permanent Light	4	Continuous tone	5
LED Blinking Light	5	Pulse tone	6
LED Flashing Light	6		
LED EVS	6		

Your benefits

There is no need to compromise with the KombiSIGN 72, because this product combines quick installation, excellent visibility and the highest level of flexibility. This saves time and money with regard to installation and order logistics.

- Smooth surfaces prevent dirt gathering and make cleaning easy
- Easy, intuitive installation - incorrect assembly is practically impossible (Poka Yoke)
- High-tech: the Signal Towers can easily be retrofitted with SmartMONITOR (smart MDE alternative) or AndonSPEED (call for action system)
- TwinLIGHT and TwinFLASH combine two easily selectable light effects in one element
- In ClassicLOOK or DesignLOOK to suit all machine surfaces
- Clearly visible from all positions thanks to the OmniVIEW lens with no blind spots
- Completely pre-assembled standard versions are available (common configurations as a complete tower with a single part number)

Typical applications

The new definition of the industry standard to signal faults

- on machinery and equipment
- on automated systems
- in assembly plants, for example, in the automotive industry
- on conveyor belts in production and logistics
- at manual workstations as a call for action system
- upgradeable to the wireless-based MDE alternative SmartMONITOR or to the call for action system AndonSPEED in logistics applications

Installation options

- Base mounting
- Tube mounting
- Additional installation options using accessories

Features

- Combine the KombiSIGN 72 light elements with special controller solutions such as USB or ASi, or integrate one of the versatile audible elements
- Can be combined and retrofitted with all the KombiSIGN 71 elements and accessories, as well as the SmartMONITOR and AndonSPEED wireless-based systems
- High-output 105 dB siren



TwinLIGHT

TwinFLASH

How to assemble your KombiSIGN 72 signal tower

ClassicLOOK

DesignLOOK

► STEP 1

Select the required optical or audible elements in the correct voltage (for details see page 41).



Audible Signal Element

- 2 tone siren

Optical Signal Elements

- TwinLIGHT
- TwinFLASH



► STEP 2

Select the appropriate mounting option for your application.

Base Mounting

Tube Mounting

Base Mounting

Tube Mounting

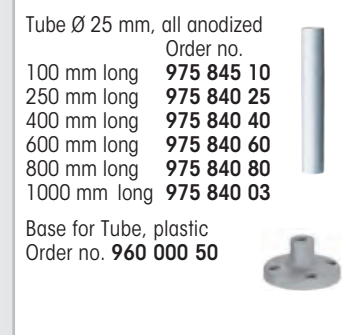
► STEP 3

Select the correct terminal element for your mounting option (for details see page 45).



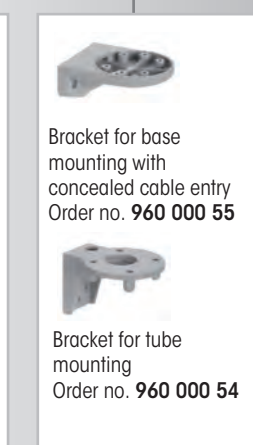
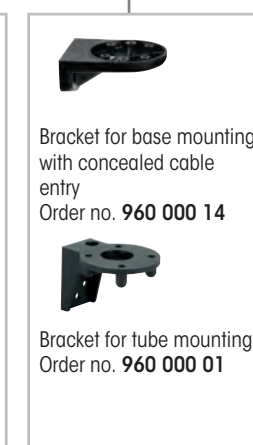
► STEP 4

Where appropriate, select a base and the desired tube length (only for tube mounting) (For details see page 64).



► STEP 5

Where appropriate, select the bracket and the contact box (for details see page 64).



Look at the signal device section on:
www.werma.com

With the new **signal tower configurator** you can put together your own individual signal tower.

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





KombiSIGN 72 - Modular Signal Tower

Or use one of our pre-assembled signal towers. With just one part number you can obtain the most popular configurations.



TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Pre-assembled signal tower	ClassicLOOK	DesignLOOK
Dimensions (Ø x Height):	70 mm x 211,5 mm	
Voltage:	24 V AC/DC	
TwinLIGHT green/yellow/red	649 000 01	649 001 01
Base/Bracket mounting		
Consisting of:	 647 110 75 + 647 310 75 + 647 210 75 + 640 800 00	 647 130 75 + 647 330 75 + 647 230 75 + 640 900 00
TwinLIGHT green/yellow/red	649 000 02	649 001 02
Dimensions (Ø x Height):	70 mm x 299 mm	
Tube mounting		
Consisting of:	 647 110 75 + 647 310 75 + 647 210 75 + 640 810 00 + 975 840 10	 647 130 75 + 647 330 75 + 647 230 75 + 640 910 00 + 975 000 51

Technical details are given on the relevant product page.

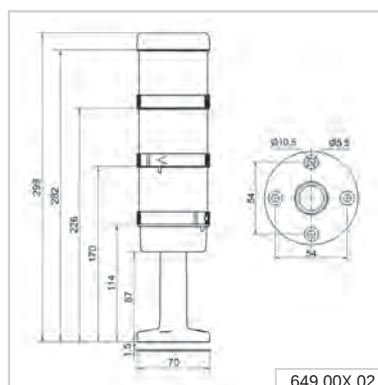
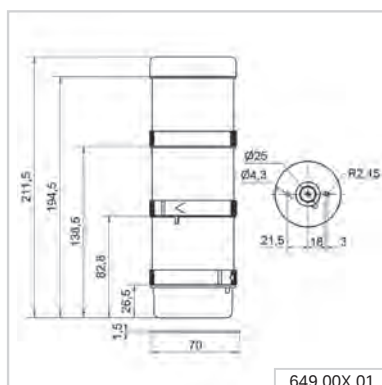


ACCESSORIES:

	ClassicLOOK	DesignLOOK
Bracket for 1-sided mounting	975 840 85	960 000 52
Bracket for base mounting	960 000 02	960 000 53
Bracket for tube mounting	960 000 01	960 000 54

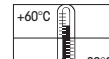


TECHNICAL DIAGRAMS:



649 00X 01

649 00X 02



KombiSIGN 72 - Optical Signal Elements



TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

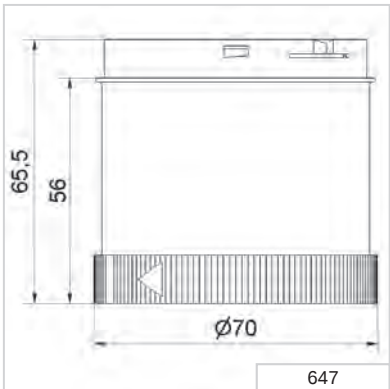
	ClassicLOOK	DesignLOOK
Dimensions (Ø x Height):	70 mm x 65,5 mm	
Lens:	PC, transparent	

TwinLIGHT		
Light effects:	LED Permanent light, LED Blinking light, adjustable via slide switch	
Voltage:	24 V AC/DC	
Current consumption:	< 80 mA	
red	647 110 75	647 130 75
green	647 210 75	647 230 75
yellow	647 310 75	647 330 75
white	647 430 75	647 430 75
blue	647 510 75	647 530 75

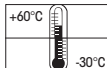
TwinFLASH		
Light effect:	LED Flashing light, LED EVS light, adjustable via slide switch	
Voltage:	24 V DC	
Current consumption:	< 80 mA	
red	647 120 55	647 140 55
green	647 220 55	647 240 55
yellow	647 320 55	647 340 55
white	647 440 55	647 440 55
blue	647 520 55	647 540 55



TECHNICAL DIAGRAM:



in preparation



KombiSIGN 72 - Audible Signal Elements



2 tone siren
KombiSIGN 72
DesignLOOK

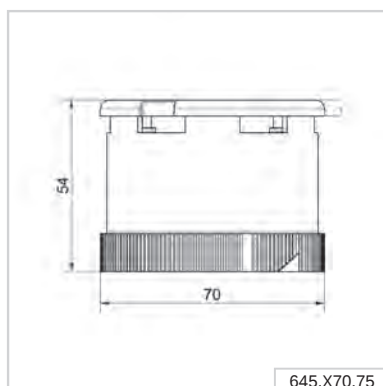


TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

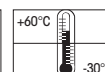
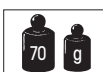
	ClassicLOOK	DesignLOOK
Housing:		PC
Life duration:		5.000 h
2 Tone Siren	645 870 75	645 770 75
Dimensions (Ø x Height):		70 mm x 54 mm
Sound output:		95-105 dB (A), adjustable by slide switch
Tone type:		Permanent tone or alternating tone, selectable by slide switch
Voltage:		24 V AC/DC
Current consumption:		< 40 mA



TECHNICAL DIAGRAMS:



in preparation



KombiS/IGN 72 - Terminal Elements



TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	ClassicLOOK	DesignLOOK
Dimensions (Ø x Height):	70 mm x 42,5 mm	
Housing:	Terminal element: PA-GF Cap: PC	
Fixing:	Base mounting, Tube mounting for tube Ø 25 mm (accessory), Bracket mounting (accessory)	
Cable entry:	Cable diameter max. 11 mm	
Connection:	CAGE CLAMP® technology max. 1,5 mm²	
Protection rating:	IP 65	
Number of tiers possible:	Max. 5	
Voltage:	12-230 V AC/DC	
Base mounting	640 800 00	640 900 00
Tube mounting	640 810 00	640 910 00

ACCESSORIES:

	ClassicLOOK	DesignLOOK
Base with integrated tube	975 840 10	960 000 51
Bracket for 1-sided mounting	975 840 85	960 000 52
Bracket for base mounting	960 000 02	960 000 53
Bracket for tube mounting	960 000 01	960 000 54
Bracket for base mounting with concealed cable entry	960 000 14	960 000 55
Base for tube Ø 25 mm, plastic	975 840 90	960 000 50

Additional accessoires can be found on page 64.

TECHNICAL DIAGRAMS:

