KombiSIGN 72 - Signal Tower

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 MDC alternative), WeASSIST, AndonSPEED (call-for-action system) or AndonWIRELESS
- 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
- Pre-configured 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 SmartMONITOR, WeASSIST, AndonSPEED or AndonWIRELESS

Installation options

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

Features

- Combine the KombiSIGN 72 light elements with special controller solutions such as I/O-Link, 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, WeASSIST, AndonWIRELESS and AndonSPEED wireless-based systems
- High-output 105 dB siren

Size comparison KombiSIGN 72 / 40

TwiinLIGHT
TwiinFLASH

IO-Link

INDUSTRIE
PREIS 2018
BEST OF

How to assemble your Kombi*SIGN* 72 signal tower

Classic*LOOK*   ## Design*LOOK*

▶ STEP 1
Select the required optical or audible elements in the correct voltage (for details see page 35).

Audible Signal Element
• 2 tone siren
• 8 tone siren
Optical Signal Elements
• Twin*LIGHT*
• Twin*FLASH*
IO Link terminal element

▶ 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 37).

Terminal element with CAGE CLAMP® technology
Order no. **640 800 00**

Terminal element with CAGE CLAMP® technology
Order no. **640 810 00**

Terminal element with CAGE CLAMP® technology
Order no. **640 900 00**

Terminal element with CAGE CLAMP® technology
Order no. **640 910 00**

▶ STEP 4
Where appropriate, select a base and the desired tube length (only for tube mounting) (For details see page 74).

Base with integrated tube
Order no.
975 840 10

Tube Ø 25 mm, all anodised
Order no.
100 mm long **975 845 10**
250 mm long **975 840 25**
400 mm long **975 840 40**
600 mm long **975 840 60**
800 mm long **975 840 80**
1000 mm long **975 840 03**

Base for Tube, plastic
Order no. **975 840 90**

Base for Tube, metal
Order no. **975 840 91**

Base with integrated tube
Order no.
960 000 51

Tube Ø 25 mm, all anodised
Order no.
100 mm long **975 845 10**
250 mm long **975 840 25**
400 mm long **975 840 40**
600 mm long **975 840 60**
800 mm long **975 840 80**
1000 mm long **975 840 03**

Base for Tube, plastic
Order no. **960 000 50**

▶ STEP 5
Where appropriate, select the bracket and the contact box (for details see page 74).

Bracket for base mounting
Order no. **960 000 02**

Bracket for 1-sided mounting
Order no. **975 840 85**

Bracket for 2-sided mounting
Order no. **975 840 86**

Bracket for base mounting with concealed cable entry
Order no. **960 000 14**

Bracket for tube mounting
Order no. **960 000 01**

Bracket for base mounting
Order no. **960 000 53**

Bracket for 1-sided mounting
Order no. **960 000 52**

Bracket for base mounting with concealed cable entry
Order no. **960 000 55**

Bracket for tube mounting
Order no. **960 000 54**

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 page 74 or at www.werma.com.

KombiSIGN 72 - Modular Signal Tower

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

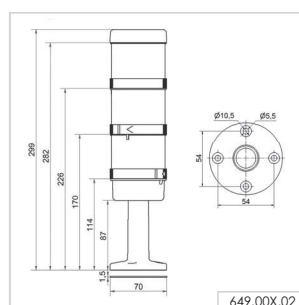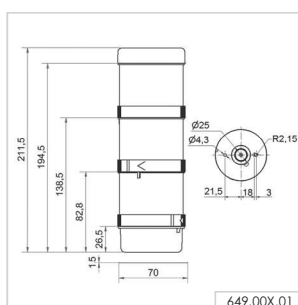## ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Pre-configured signal tower	Classic*LOOK*	Design*LOOK*
Dimensions (Ø x Height):	70 mm x 211.5 mm	
Voltage:	24 V AC/DC	
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
Twin*LIGHT* green/yellow/red	**649 000 01**	**649 001 01**
Tube mounting		
Dimensions (Ø x Height):	70 mm x 299 mm	
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 + 960 000 51
Twin*LIGHT* green/yellow/red	**649 000 02**	**649 001 02**

Technical details are given on the relevant product page.

⚒ ACCESSORIES:

	Classic*LOOK*	Design*LOOK*
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
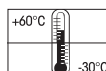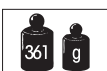
649 00X 01   649 00X 02

CE   UKCA   EAC   361 g   400 g   IP65   +60°C / -30°C

ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	Classic*LOOK*	Design*LOOK*
Dimensions (Ø x Height):	70 mm x 65.5 mm	
Lens:	PC, transparent	
Twin*LIGHT*		
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
Twin*FLASH*		
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 DIAGRAMS:

65,5
56
Ø70
647
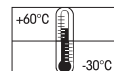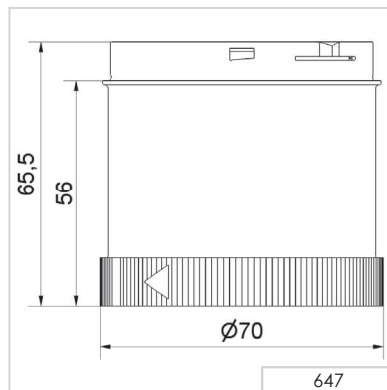
KombiSIGN 72 - Audible Signal Elements

2 and 8 tone siren
KombiSIGN 72
DesignLOOK

ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	ClassicLOOK	DesignLOOK
Housing:	PC	
Life duration:	5,000 hrs	
2 Tone Siren		
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	24 V AC/DC
Current consumption:	< 40 mA	< 40 mA
Order no.	**645 870 75**	**645 770 75**
8 Tone Siren		
Dimensions (Ø x Height):	70 mm x 54 mm	
Sound output::	95-105 dB (A), adjustable by slide switch	
Tone type:	8 tones, can be set via slide switch	
Voltage:	24 V AC/DC	24 V AC/DC
Current consumption:	< 30 mA	< 30 mA
Order no.	**645 890 75**	**645 790 75**
Voltage:	115-230 V AC	115-230 V AC
Current consumption:	< 45 mA	< 45 mA
Order no.	**645 890 60**	**645 790 60**

↔ TECHNICAL DIAGRAMS:

645.XX0.XX
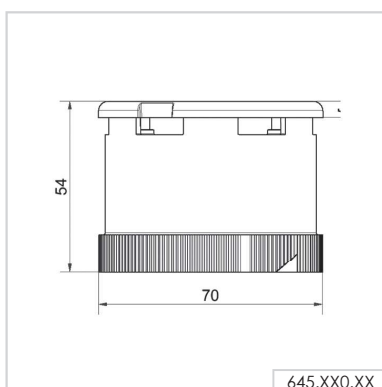
Terminal element
KombiSIGN 72
DesignLOOK

Terminal element
KombiSIGN 72
ClassicLOOK

IO Link element
KombiSIGN 72
ClassicLOOK

IO Link element
KombiSIGN 72
DesignLOOK

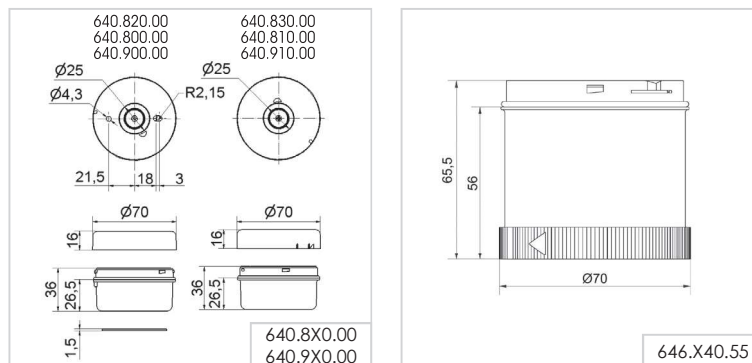## ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

	ClassicLOOK	DesignLOOK
Dimensions (Ø x Height):	70 mm x 36 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 mm^2	
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**
IO Link element		
Dimensions (Ø x Height):	70 mm x 65.5 mm	
Numbers of tiers possible:	Max. 5	
Voltage:	24 V via IO-Link	
Current consumption:	6 mA	
Order no.	**646 840 55**	**646 440 55**

✄ 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 accessories can be found on page 74.

↔ TECHNICAL DIAGRAMS:

640.820.00
640.800.00
640.900.00

640.830.00
640.810.00
640.910.00

Ø25 Ø4,3 Ø25 R2,15

21,5 18 3
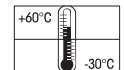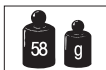
Ø70 Ø70

16 16

36 26,5 36 26,5

1,5

640.8X0.00
640.9X0.00

65,5 56

Ø70

646.X40.55

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