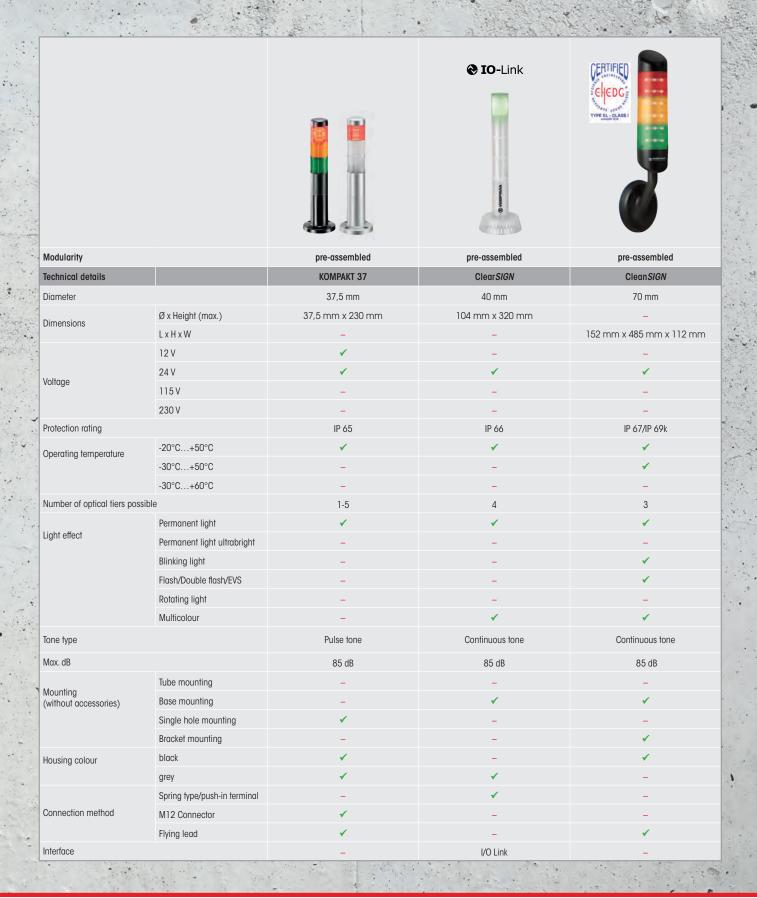


Overview Signal Towers

		TwiinLIGHT TwiinFlASH ⊗ IO- Link	Twi nLIGHT Twi nFLASH	
			Comments of the Comments of th	Right of
Modularity		modular	modular	modular
Technical details		Kombi <i>SIGN</i> 40	Kombi <i>SIGN</i> 72	Kombi SIGN 71
Diameter		40 mm	70 mm	70 mm
Dimensions	Ø x Height (max.)	40 mm x 313 mm	70 mm x 323 mm	70 mm x 323 mm
	LxHxW	-	-	_
Voltage	12 V	-	-	-
	24 V	✓	✓	✓
	115 V	-	-	✓
	230 V	-	-	✓
Protection rating		IP 66	IP 65	IP 65
Operating temperature	-20°C+50°C	✓	✓	✓
	-30°C+50°C	✓	-	-
	-30°C+60°C	✓	✓	-
Number of optical tiers possible		1-5	1-5	1-5
Light effect	Permanent light	✓ (Twin <i>LIGHT</i>)	✓ (Twin <i>LIGHT</i>)	✓
	Permanent light ultrabright	-	-	✓
	Blinking light	✓ (Twin <i>LIGHT</i>)	✓ (Twin <i>LIGHT</i>)	✓
	Flash/Double flash/EVS	✓ (Twin <i>FLASH</i>)	✓ (Twin <i>FLASH</i>)	✓
	Rotating light	-	-	✓
	Multicolour	✓ (Twin <i>FLASH</i>)	✓ (Twin <i>FLASH</i>)	✓
Tone type		2/8 tone siren	2 tone siren/ sirens/ Vocal element	2/8 tone siren/ sirens/ Vocal element
Max. dB		95 dB	105 dB	105 dB
Mounting (without accessories)	Tube mounting	✓	✓	✓
	Base mounting	✓	✓	✓
	Single hole mounting	✓	-	-
	Bracket mounting	_	-	-
Housing colour	black	✓	✓	✓
	grey	✓	✓	-
Connection method	Spring type/push-in terminal	✓	✓	✓
	M12 Connector	-	-	✓
	Flying lead	-	-	-
Interface		I/O Link	Asi, USB, Smart MONITOR, Andon SPEED	Asi, USB, Smart <i>MONITOR,</i> Andon <i>SPE</i>



KombiSIGN 40 - Modular Signal Tower

The new, modular KombiSIGN 40 has been designed with mechanical engineers and automation specialists in mind who not only want to rely on safe and reliable signals but also have their eye on cost in terms of assembly, logistics and worldwide part provision. Available in DesignLOOK or ClassicLOOK. Optionally available with IO-Link technology.

- Save up to 50% on installation time thanks to self-explanatory connections and intuitive mechanics
- TwinLIGHT and TwinFLASH combine two easily selectable light effects in one element
- Clearly visible from all positions thanks to the OmniVIEW lens with no blind spots

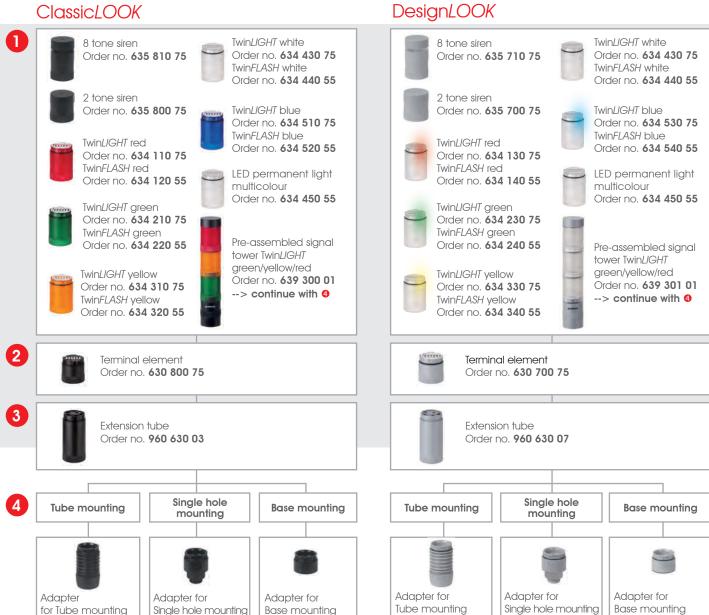


MODULAR SIGNAL TOWERS

Optical and audible signal elements can be combined flexibly in the modular signal towers. The modular design also enables customers to retrofit other elements separately when required.

- Select the required optical or audible elements or select a pre-configured signal tower.
- 2 Select the terminal element.
- Where appropriate, select up to two extension tubes. Can be installed between the terminal element and the mounting adapter.
- Select the appropriate mounting option for your application.
- 6 Where appropriate, select the bracket.

KombiSIGN 40 - Quickfinder 24 V AC/DC



for Tube mounting

Order no.

630 830 00

Single hole mounting Base mounting Order no. Order no. 630 820 00 630 810 00 Bracket for assem-Bracket for concealed cable bly on aluminium profiles entry Order no. Order no. 960 630 01 960 630 02

Single hole mounting Base mounting Order no. Order no. 630 720 00 630 710 00 Bracket for assem-Bracket for bly on aluminium concealed cable profiles entry Order no Order no. 960 630 05 960 630 06

You can find more accessories in our signal tower configurator at www.werma.com as well as the most popular pre-assembled signal tower options with just one part number (also available for KombiSIGN 72 and 71).

Order no.

630 730 00

KombiSIGN 72 - Modular Signal Tower

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



- Select the required optical or audible elements or select a pre-configured signal tower.
- 2 Select the appropriate mounting option for your application.
- 3 Select the correct terminal element for your mounting option.
- **9** Where appropriate, select a base and the desired tube length (only for tube mounting).
- 6 Where appropriate, select the bracket and the contact box.

ClassicLOOK - pre-assembled

Base mounting



TwinLIGHT - 24 V AC/DC green/yellow/red Order no. **649 000 01**

Tube mounting



TwinLIGHT - 24 V AC/DC green/yellow/red Order no. **649 000 02**

DesignLOOK - pre-assembled

Base mounting



TwinLIGHT - 24 V AC/DC green/yellow/red Order no. **649 001 01**

Tube mounting



TwinLIGHT - 24 V AC/DC green/yellow/red Order no. 649 001 02

KombiSIGN 72 - Quickfinder 24 V AC/DC



You can find more accessories in our signal tower configurator at **www.werma.com** as well as the most popular pre-assembled signal tower options with just one part number (also available for KombiS/GN 40 and 71).

KombiSIGN 71 - Modular Signal Tower

Profit from the wide range of optical and audible signal elements with the modular KombiSIGN 71. Its patented bayonet locking mechanism makes it easy to assemble and disassemble as well as exchange elements in a matter of seconds.

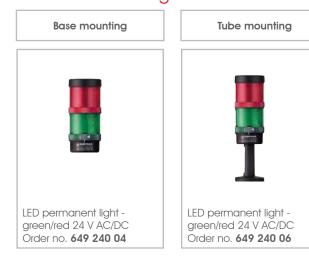
- A wide range of accessories ensures maximum flexibility
- High-tech: The Signal Towers can easily be retrofitted with SmartMONITOR (intelligent MDE alternative) or AndonSPEED (call for action system)





- Select the required optical or audible elements or select a pre-configured signal tower.
- 2 Select the appropriate mounting option for your application.
- 3 Select the correct terminal element for your mounting option.
- Where appropriate, select a base and the desired tube length (only for tube mounting).
- 6 Where appropriate, select the bracket and the contact box.

Pre-assembled signal towers







KombiSIGN 71 - Quickfinder 24 V AC/DC





Buzzer Order no. **645 800 75** 8 tone siren Order no. **645 820 75**



LED permanent light red Order no. 644 100 75 LED blinking light red Order no. 644 110 75



LED permanent light yellow Order no. 644 300 75 LED blinking light yellow Order no. 644 310 75



LED permanent light green Order no. **644 200 75** LED blinking light green Order no. **644 210 75**



LED permanent light white Order no. **644 400 75** LED blinking light white Order no. **644 410 75**



LED permanent light blue Order no. **644 500 75** LED blinking light blue Order no. **644 510 75**



Base mounting





Terminal element with CAGE CLAMP® technology Order no. 640 800 00 Screw terminal Order no. 640 820 00 Terminal element M12

Order no. 640 850 55



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



Screw terminal Order no. **640 830 00**

Tube mounting



Terminal element M12 Order no. **640 860 55**





Tube with clamp
Order no.
960 000 18



Adapter für Single hole mounting Order no. 960 000 25



Base with integrated tube Order no. 975 840 10

Tube Ø 25 mm, all anodized

Order no.

Order no.

100 mm long
250 mm long
400 mm long
600 mm long
800 mm long
1000 mm long
975 840 80
975 840 80
975 840 80



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



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





Foldaway Base Order no. **960 009 12**



Tube Ø 25 mm, plastic, only for Foldaway Base, 45 mm long Order no. **960 000 31**





Contact box for cable exit at side Order no. **975 840 01**



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**



Corner fixing bracket Order no. **960 000 41**

Contact box for cable exit at side Order no. **975 840 01**



Contact box with magnetic base and cable exit at side Order no. **975 840 04**



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



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



Corner fixing bracket Order no. **960 000 41**

Further options for light elements, audible elements, accessories and voltages can be found at **www.werma.com** or in the current catalogue. Here you will also find the most popular pre-assembled signal tower options with just one part number (also available for KombiS/GN 40 and 72).

ClearSIGN - Pre-assembled Signal Tower

The pre-assembled ClearSIGN signal tower combines industry design with the latest cutting-edge LED technology and innovative interfaces. The signal tower is ideally suited to modern industrial environments.

- With 4 tiers
- Maximum range of colours using RGB Technology
- Visual display of fill levels and temperature conditions
- Set colours and light effects according to your needs with the IO-Link version

Buzzer module Order no. **656 000 55**

red/yellow/green/blue Order no. **656 000 03**

DCB

Order no. 656 100 01

IO Link without buzzer Order no. **656 100 02**

IO Link Version with buzzer Order no. **656 100 03**



Clean SIGN - Pre-assembled Signal Tower

The CleanSIGN signal tower has been specifically developed and certified for use in clean rooms, food and hygiene areas as well as the pharmaceutical industry. The signal tower ensures maximum safety in these environments by reducing the risk of contamination.

- Easy-to-clean, hygienic design for optimal cleaning and disinfection
- Ensures food safety through the absence of uneven surfaces, elevated or countersunk elements where dirt can accumulate
- Use of food safe materials and resistant to cleaning agents (FDA approved)



Wall mounting

red/green/yellow Order no. **695 300 55**

RGY Order no. **695 200 55**

RGB Order no. **695 000 55**

Base/Ceiling mounting



red/green/yellow Order no. **695 310 55**

RGY Order no. **695 210 55**

RGB

Order no. 695 010 55

KOMPAKT 37- Pre-assembled Signal Tower

The streamline KOMPAKT 37 can be ordered pre-assembled with just one single order number. It is also available with a M12 plug or cable connection, making it the perfect signal tower for whatever the application.

- With 1 to 5 tiers
- Up to six levels of signal escalation possible including an audible signal
- In ClassicLOOK or DesignLOOK to suit all machine surfaces
- Clearly visible from all positions thanks to the OmniVIEW lens with no blind spots
- Select the signal tower of your choice with or without buzzer, with the appropriate connection, housing colour, voltage and number of tiers.
- 2 Select up to two extension tubes.
- Select the appropriate fixing accessories for your application, using for example a tube and base or a bracket mounting.
- 4 Where appropriate, select the bracket and the contact box.



DesignLOOK without buzzer

Plug

Order no. 698 220 75 2 tier (yellow/red)

2 tier (green/red)

Order no. 698 230 75

3 tier (green/yellow/red) Order no. 698 210 75

4 tier (clear/green/yellow/red)

Order no. 698 240 75

4 tier (blue/green/yellow/red)

Order no. 698 250 75

(blue/clear/green/yellow/red) Order no. 698 260 75

Cable

2 tier (green/red) Order no. 698 120 75

2 tier (yellow/red)

Order no. 698 130 75

3 tier (green/yellow/red)

Order no. 698 110 75

4 tier (clear/green/yellow/red) Order no. 698 140 75

4 tier (blue/green/yellow/red)

Order no. 698 150 75

(blue/clear/green/yellow/red) Order no. 698 160 75

Plug

2 tier (green/red) Order no. 698 420 75

2 tier (yellow/red) Order no. 698 430 75

3 tier (green/yellow/red) Order no. 698 410 75

4 tier (clear/green/yellow/red) Order no. 698 440 75

4 tier (blue/green/yellow/red) Order no. 698 450 75

(blue/clear/green/yellow/red) Order no. 698 460 75

Cable

2 tier (green/red) Order no. 698 320 75

2 tier (yellow/red) Order no. 698 330 75

3 tier (green/yellow/red) Order no. 698 310 75

4 tier (clear/green/yellow/red) Order no. 698 340 75

4 tier (blue/green/yellow/red) Order no. 698 350 75

(blue/clear/green/yellow/red) Order no. 698 360 75

Continue with 2 - see next page.

Further voltage options can be found on our signal configurator at www.werma.com.

KOMPAKT 37 - Quickfinder 24 V AC/DC

ClassicLOOK with buzzer

DesignLOOK with buzzer



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