

Leading signals. Smart solutions.

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Signal Towers Overview



SIGNAL TOWERS

Whether for access control or use on machinery, systems and manual workstations – WERMA signal towers are available in a variety of colours, functions, sizes and shapes. Customers can find unique solutions with excellent design quality also for use in strict hygiene areas. Various escalation levels in the event of a problem can be signalled thanks to the multi-tier design of the signal towers. This allows employees in the vicinity to respond quickly to a malfunction and rectify the problem. Select the ideal signal tower for your application on the following pages.



Overview Signal Towers



Modularity		modular	modular	pre-assembled	pre-assembled
Technical details Diameter		KombiS <i>IGN</i> 40	KombiS <i>IGN</i> 72	eSIGN	eSIGN
		40 mm	70 mm	72,5 mm	72,5 mm
Dimensions	Ø x Height (max.)	40 mm x 313 mm	70 mm x 323 mm	72,5 mm x 219 m 72,5 mm x 271 mm 72,5 mm x 371,5 mm	72,5 mm x 219 mm 72,5 mm x 271 mm 72,5 mm x 371,5 mr
	LxHxW	-	-	-	-
Voltago	12 V	-	-	-	-
Voltage	24 V	4	×	1	1
Protection rating		IP 66 / IP 69k	IP 65	IP 66 / IP 69K	IP 66 / IP 69K
Operating	-20°C+50°C	×	<	-	-
temperature	-30°C+50°C	×	-	-	-
	-30°C+60°C	×	<	✓	✓
	-40°C+50°C	-	-	-	-
Number of optical tier	rs possible	1-5	1-5	6, 9 or 15	6, 9 or 15
	Permanent light	✓ (TwinLIGHT)	✓ (Twin <i>LIGHT</i>)	1	1
Light effect	Blinking light	✓ (TwinLIGHT)	✓ (Twin <i>LIGHT</i>)	✓	✓
	Flash/Double Flash/EVS	✓ (TwinFLASH)	✓ (TwinFLASH)	-	-
	Flash/Double Flash/Trible flash	-	-	✓	1
	Rotating light	-	-	1	1
	Multicolour	4	4	1	1
Tone type		2/8 tone siren (accessories)	2 tone siren/ sirens/ vocal element (accessories)	Multi-tone/ 10 tones are configurable	Multi-tone/ 10 tones are configurable
Max. dB		95 dB (accessories)	105 dB (accessories)	105 dB	105 dB
	Tube mounting	-	-	-	-
Mounting (without	Base mounting	4	×	1	1
accessories)	Single hole mounting	-	-	-	-
	Bracket mounting	-	-	-	-
	Installation mounting	-	-	-	-
Housing colour	black	4	×	1	1
0	grey	4	×	-	-
	white	-	-	_	✓
	Spring type/push-in terminal	4	✓	-	-
Connection method	M12 Connector	-	-	1	1
	Flying lead	-	-	-	-
Interface		IO Link	Asi, USB, IO Link, WeASSIST®	IO Link	IO Link



Modularity		pre-assembled pre-assembled		pre-assembled	pre-assembled
Technical details		RST 56	RST 56	KOMPAKT 37	CleanSIGN
Diameter		57 mm	57 mm	37,5 mm	70 mm
Dimensions	Ø x Height (max.)	57 mm x 156 mm 57 mm x 196 mm 57 mm x 236 mm 57 mm x 276 mm	57 mm x 135 mm 57 mm x 175 mm 57 mm x 215 mm 57 mm x 255 mm	37,5 mm x 230 mm	-
	LxHxW	-	-	-	152 mm x 485 mm x 112 mm
	12 V	-	-	✓	-
Voltage	24 V	∢	✓	✓	✓
Protection rating		IP 66/IP69K	IP 66/IP69K	IP 65	IP 67/IP 69k
	-20°C+50°C	-	-	4	*
Operating temperature	-30°C+50°C	-	-	-	✓
	-30°C+60°C	-	-	-	-
	-40°C+50°C	✓	✓	-	-
Number of optical tiers pos	sible	2-5	2-5	1-5	3
	Permanent light	✓	4	√	✓
Light effect	Blinking light	-	-	-	✓
	Flash/Double Flash/EVS	-	-	-	✓
	Flash/Double Flash/Trible flash	-	-	-	-
	Rotating light	-	-	-	-
	Multicolour	-	-	-	✓
Tone type		Continuous tone/ Pulse tone	Continuous tone	Pulse tone	Continuous tone
Max. dB		82 or 90 dB	90 dB	85 dB	85 dB
	Tube mounting	-	-	-	-
Mounting (without accessories)	Base mounting	∢	-	-	*
()	Single hole mounting	-	-	✓	-
	Bracket mounting	-	-	-	✓
	Installation mounting	-	✓	-	-
Housing colour	black	√	✓	√	✓
<u> </u>	silver	-	-	✓	-
	white	-	-	-	-
	Spring type/push-in terminal	✓	-	-	-
Connection method	M12 Connector	-	4	4	-
	Flying lead/Screw terminal	-	-	4	4
Interface		-	-	-	-

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.

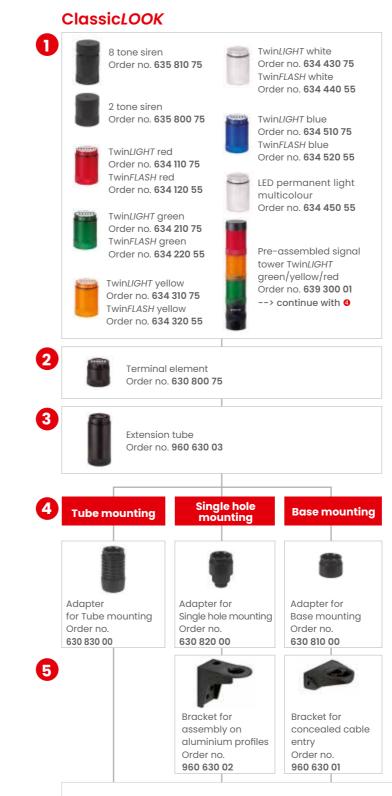
KombiSIGN 40 - Modular Signal Tower

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

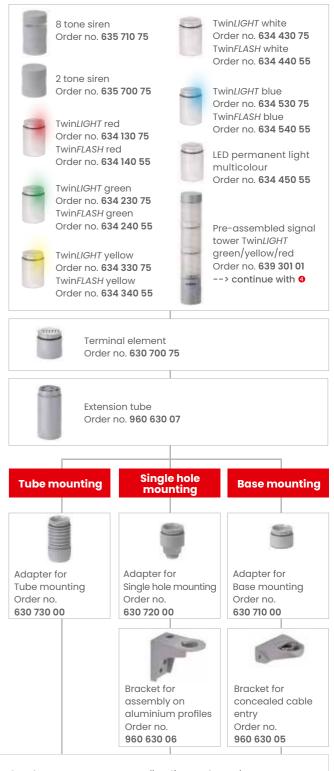


KombiSIGN 40 - Quickfinder 24 V AC/DC



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 KombiSIGN 72 and 71).

DesignLOOK



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 WeASSIST
- TwinLIGHT and TwinFLASH combine two easily selectable light effects in one element



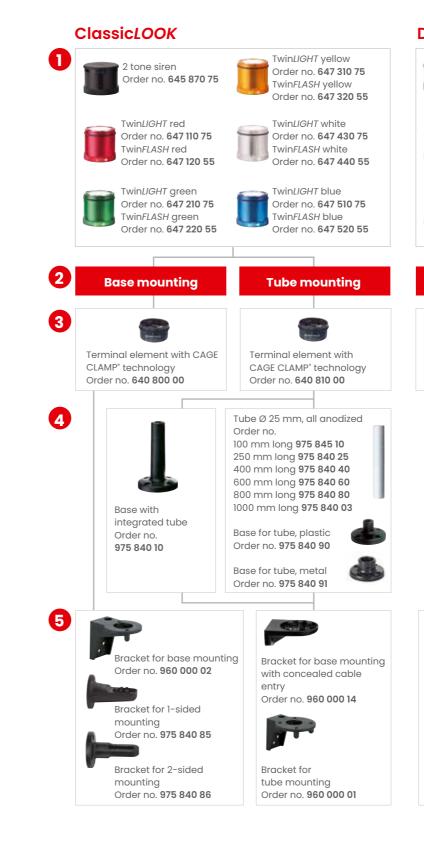
ClassicLOOK - pre-assembled

Base mounting	Tube mounting
Twin <i>LIGHT</i> - 24 V AC/DC green/yellow/red Order no. 649 000 01	Twin <i>LIGHT</i> - 24 V AC/DC green/yellow/red Order no. 649 000 02

DesignLOOK - pre-assembled

Base mounting	Tube mounting
TwinLIGHT - 24 V AC/DC	Twin <i>LIGHT</i> - 24 V AC/DC
green/yellow/red Order no. 649 001 01	green/yellow/red Order no. 649 001 02

KombiSIGN 72 - Quickfinder 24 V AC/DC



DesignLOOK



PRE-ASSEMBLED SIGNAL TOWERS

Pre-assembled signal towers from WERMA come ready assembled and can be ordered as a compact unit with just one single number. Impressive features include their stylish design and diverse installation options, allowing them to be used in a wide range of areas.



eSIGN - the new benchmark in industrial signalling

The eSIGN brings new dimensions to light. Electronic modularity enables the product to create a variety of signal modes with various colours, brightness levels and light effects, from the classic signal tower to completely customised settings. eSIGN can also switch with ease between variable filling level indications or full-surface signalling. In addition to providing you with an overview of your process cycles, this also opens up completely new options.

Whether classic in black or bright and clean in white: Take a closer look at the possibilities and performance offered by our new eSIGN signal tower.



eSIGN - 15 segments / 9 segments / 6 segments





IO Link with siren Order No. 657 110 55

IO Link without siren Order No. 657 010 55

24 V with siren Order No. 657 100 55

24 V without siren Order No. 657 000 55



IO Link with siren Order No. 657 450 55

IO Link without siren Order No. 657 440 55

24 V with siren Order No. 657 430 55

24 V without siren Order No. 657 420 55

IO Link with siren Order No. 657 310 55

IO Link without siren Order No. 657 210 55

24 V with siren Order No. 657 300 55

24 V without siren Order No. 657 200 55



IO Link with siren Bestell-Nr. 657 950 55

IO Link without siren Bestell-Nr. 657 940 55

24 V with siren Bestell-Nr. 657 930 55

24 V without siren Bestell-Nr. 657 920 55



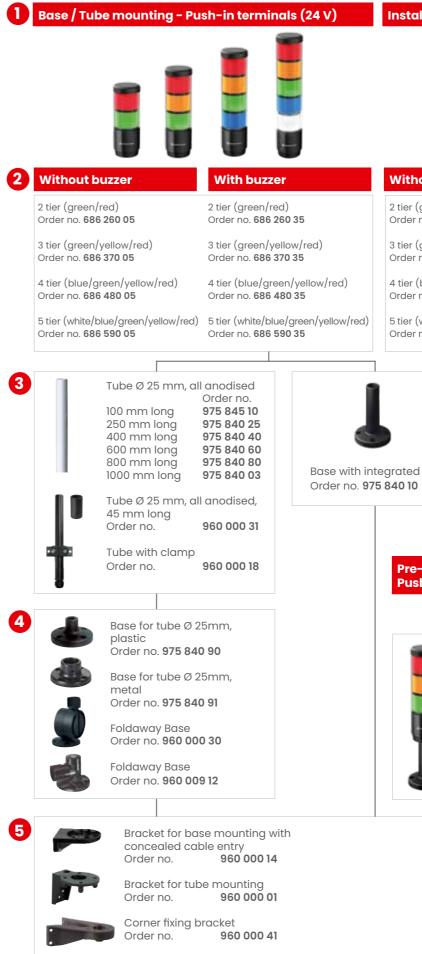
RST 56 - Modern design meets optimum functionality

The new "RST" LED signal towers from WERMA impress with their modern, sleek appearance and versatile application options. With its integrated design, it not only offers a refined and attractive appearance, but also homogeneous illumination and optimum visibility of the illuminated signals in all directions.

The aesthetic signal tower also impresses with sophisticated features, a compact, slim diameter of 57 mm and multiple mounting options.

- Modern & robust industrial design
- 2 to 5 tiers
- 360° visibility no blind spots
- Buzzer: Maximum 90 dB
- Can be connected via cable or M12
- Tamper-proof for public areas
- The IP66/IP69K degree of protection enables use in a wide range of environments

RST 56 - Quickfinder







Without buzzer

2 tier (green/red) Order no. 686 263 05

3 tier (green/yellow/red) Order no. 686 373 05

4 tier (blue/green/yellow/red) Order no. 686 483 05

Order no. 686 593 05

With buzzer

2 tier (yellow/red) Order no. 686 263 15

3 tier (green/yellow/red) Order no. 686 373 15

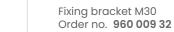
4 tier (blue/green/yellow/red) Order no. 686 483 15

5 tier (white/blue/green/yellow/red) 5 tier (white/blue/green/yellow/red) Order no. 686 593 15





Base with integrated tube



Pre-configured signal tower - Tube mounting Push-in terminals (24V)

Without buzzer

3 tier (green/yellow/red)

Order no. 686 371 05

With buzzer

3 tier (green/yellow/red) Order no. 686 371 35



CleanSIGN - 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)







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.

ClassicLOOK without buzzer

DesignLOOK without buzzer

Plug	Cable	Plug	Cable
2 tier (green/red)	2 tier (green/red)	2 tier (green/red)	2 tier (green/red)
Order no. 698 220 75	Order no. 698 120 75	Order no. 698 420 75	Order no. 698 320 75
2 tier (yellow/red)	2 tier (yellow/red)	2 tier (yellow/red)	2 tier (yellow/red)
Drder no. 698 230 75	Order no. 698 130 75	Order no. 698 430 75	Order no. 698 330 75
3 tier (green/yellow/red)	3 tier (green/yellow/red)	3 tier (green/yellow/red)	3 tier (green/yellow/red)
Order no. 698 210 75	Order no. 698 110 75	Order no. 698 410 75	Order no. 698 310 75
4 tier (clear/green/yellow/red)	4 tier (clear/green/yellow/red)	4 tier (clear/green/yellow/red)	4 tier (clear/green/yellow/red)
Order no. 698 240 75	Order no. 698 140 75	Order no. 698 440 75	Order no. 698 340 75
4 tier (blue/green/yellow/red)	4 tier (blue/green/yellow/red)	4 tier (blue/green/yellow/red)	4 tier (blue/green/yellow/red)
Drder no. 698 250 75	Order no. 698 150 75	Order no. 698 450 75	Order no. 698 350 75
5 tier	5 tier	5 tier	5 tier
blue/clear/green/yellow/red)	(blue/clear/green/yellow/red)	(blue/clear/green/yellow/red)	(blue/clear/green/yellow/red)
Drder no. 698 260 75	Order no. 698 160 75	Order no. 698 460 75	Order no. 698 360 75

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

KOMPAKT 37 - Quickfinder 24 V AC/DC

ClassicLOOK with buzzer

Plug	Cable
1 tier (red) Order no. 699 610 75	2 tier (green/red) Order no. 699 120 75
1 tier (yellow) Order no. 699 630 75	2 tier (yellow/red) Order no. 699 130 75
2 tier (green/red) Order no. 699 220 75	3 tier (green/yellow/red) Order no. 699 110 75
2 tier (yellow/red) Order no. 699 230 75	4 tier (clear/green/yellow/red) Order no. 699 140 75
3 tier (green/yellow/red) Order no. 699 210 75	4 tier (blue/green/yellow/red) Order no. 699 150 75
4 tier (clear/green/yellow/red) Order no. 699 240 75	5 tier (blue/clear/green/yellow/red)
4 tier (blue/green/yellow/red) Order no. 699 250 75	Order no. 699 160 75
5 tier (blue/clear/green/yellow/red) Order no. 699 260 75	
	acket Base punting mounting
mounting mounting Bracket for base mounting Order no. 960 630 02 Bracket for base	Base with integrated tube Order no. 960 698 01
mounting mounting Bracket for base mounting Order no. 960 630 02 Bracket for base	nunting mounting Base with integrated tube Order no. 960 698 01 mounting with entry; Order no. 960 000 14 nounting
mounting mo mounting Bracket for base mounting Order no. 960 630 02 Bracket for base concealed cable Bracket for tube r	mounting mounting Base with integrated tube Order no. 960 698 01 mounting with entry; Order no. 960 000 14 mounting 0 01 exket
mounting mounting Bracket for base mounting Order no. 960 630 02 Bracket for base concealed cable Bracket for tube r Order no. 960 000 Corner fixing brack	mounting mounting Base with integrated tube Order no. 960 698 01 mounting with entry; Order no. 960 000 14 mounting 0 01 sket 0 41 able exit at side

A

DesignLOOK with buzzer

Plug

1 tier (red) 2 tier (green/red) Order no. 699 320 75 Order no. 699 810 75 2 tier (yellow/red) 1 tier (yellow) Order no. 699 830 75 Order no. 699 330 75 2 tier (green/red) 3 tier (green/yellow/red) Order no. 699 420 75 Order no. 699 310 75 2 tier (yellow/red) 4 tier (clear/green/yellow/red) Order no. 699 430 75 Order no. 699 340 75 3 tier (green/yellow/red) 4 tier (blue/green/yellow/red) Order no. 699 410 75 Order no. 699 350 75 4 tier (clear/green/yellow/red) 5 tier Order no. 699 440 75 (blue/clear/green/yellow/red) Order no. 699 360 75 4 tier (blue/green/yellow/red) Order no. 699 450 75 5 tier (blue/clear/green/yellow/red) Order no. 699 460 75 Extension tube Order no. 960 698 04 Bracket Base Single hol mounting mountin Base with Bracket for base mounting integrated tube Order no. 960 630 06 Order no. 960 698 03 Bracket for base mounting with 300 concealed cable entry Order no. 960 000 55

Cable



Bracket for tube mounting Order no. 960 000 54

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