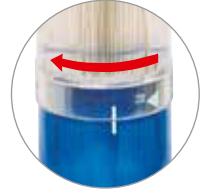# Signal Tower KombiSIGN 50

Simple operation thanks to bayonet mechanism

WERMA was the first signal beacon manufacturer to offer a bayonet mechanism allowing elements to be mechanically and electrically connected within seconds.

- Simple mounting and removal of the elements
- New combinations at the twist of a hand
- Tool-free bulb change

Signals to combine - At the twist of a hand

- Signal elements in every common voltage
- Modular system allows combination as required
- Protection rating IP 54
- LED technology ensures even better visibility

WERMA
SIGNALTECHNIK

This is how you can assemble your KombiSIGN 50 signal tower

▶ STEP 1
Select the required optical or audible elements in the correct voltage.

Audible Signal Elements
• Buzzer element

Optical Signal Elements
• Permanent light
• LED Permanent light
• LED Flashing light
• LED Blinking light

Single hole Mounting

▶ STEP 2
Select the terminal element.

NEW
Terminal element

Order no.
845 000 00

NEW
Terminal element with CAGE CLAMP® technology for single hole mounting

Order no.
845 010 00

▶ STEP 3
Select the appropriate mounting option for your application.

▶ STEP 4
Select the appropriate accessory for your mounting option.

Base/Wall Mounting

Bracket for wall mounting

Order no.
975 845 02

Base for surface mounting, incl. rubber seal

Order no.
975 845 01

Tube Mounting

Tube Ø 25 mm, Aluminium
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**

Foldaway base
Order no. **960 000 30**

Foldaway base
Order no. **960 009 12**   **NEW**

▶ STEP 5
Where appropriate, select the bracket and the contact box.

TIP

The Signal Devices Site on the Internet: **www.werma.com**

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

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 base mounting

Order no.
960 000 01

Corner fixing bracket

Order no.
960 000 41

NEW

WERMA
SIGNALTECHNIK

846/848   Optical Signal Elements Kombi*SIGN* 50

Tube mounting (accessory)

Bracket (accessory)

Base mounting (accessory)

- • Clear signalling, even in unfavourable light conditions
- • LED light elements have an extremely long life and low current consumption

ℹ️ TECHNICAL SPECIFICATIONS:

Dimensions (Ø x Height):	52 mm x 67 mm
Lens:	PC, transparent
Protection rating:	IP 54
Number of modules possible:	Max. 4

Permanent light element	12-240 V AC/DC
	Bulb not included in assembly
Socket:	Bayonet, BA15d, for bulb max. 5 W
Life duration:	Dependent upon the bulbs used

LED Permanent light element	24 V AC/DC	115 V AC	230 V AC
Current consumption:	45 mA	25 mA	25 mA
Life duration:	< 50,000 hrs		

LED Flashing light element		
Current consumption:	Red, yellow	Green, clear, blue
	45 mA	40 mA
Life duration:	< 50,000 hrs	
Blink frequency:	C. 1 Hz	

LED Blinking light element	24 V AC/DC	115 V AC	230 V AC
Current consumption:	25 mA	25 mA	25 mA
Life duration:	< 50,000 hrs		
Blink frequency:	C. 1 Hz		

🛒 ORDER SPECIFICATIONS OPTICAL ELEMENTS:

See note on page 347

c(UL)us   CE   EAC   IP54   +50°C / -20°C   24 V PLC

WERMA SIGNALTECHNIK

Permanent light element

LED element

Life duration up to 50,000 hrs

ORDER SPECIFICATIONS OPTICAL ELEMENTS:

Permanent light element	12-240 V AC/DC
red	**846 100 00**
green	**846 200 00**
yellow	**846 300 00**
clear	**846 400 00**
blue	**846 500 00**

Bulb not included in assembly. Accessories see page 67.

LED Permanent light element	24 V AC/DC	115 V AC	230 V AC
red	**848 100 55**	**848 100 67**	**848 100 68**
green	**848 200 55**	**848 200 67**	**848 200 68**
yellow	**848 300 55**	**848 300 67**	**848 300 68**
clear	**848 400 55**	**848 400 67**	**848 400 68**
blue	**848 500 55**	**848 500 67**	**848 500 68**

LED Flashing light element	24 V DC
red	**848 120 55**
green	**848 220 55**
yellow	**848 320 55**
clear	**848 420 55**
blue	**848 520 55**

Life duration up to 50,000 hrs

LED Blinking light element	24 V AC/DC	115 V AC	230 V AC
red	**848 110 75**	**848 110 67**	**848 110 68**
green	**848 210 75**	**848 210 67**	**848 210 68**
yellow	**848 310 75**	**848 310 67**	**848 310 68**
clear	**848 410 75**	**848 410 67**	**848 410 68**
blue	**848 510 75**	**848 510 67**	**848 510 68**

TECHNICAL DIAGRAMS:

see page 320 onwards

849 Audible Elements for KombiSIGN 50

Buzzer element

Tube mounting (accessory)

Base mounting (accessory)

• Buzzer with up to 80 dB   • Optional continuous or pulse tone

ℹ TECHNICAL SPECIFICATIONS:

Dimensions (Ø x Height):	52 mm x 72 mm
Lens:	PC/ABS-Blend
Protection rating:	IP 54
Number of modules possible:	Max. 4
Sound output:	80 dB
Number/Tone type:	Continuous or pulse tone, adjustable

🛒 ORDER SPECIFICATIONS AUDIBLE ELEMENT:

Voltage	24 V AC/DC	115 V AC/DC	230 V AC
Current consumption	Max. 25 mA	Max. 25 mA	Max. 25 mA
Buzzer element	**849 000 75**	**849 000 77**	**849 000 68**

📏 TECHNICAL DIAGRAMS:

See note on page 347

c UL US   CE   EAC   IP54   +50°C / -20°C   80 dB   PLC   24 V

WERMA
SIGNALTECHNIK

NEW

Screw terminal with cap

NEW

**Terminal element CAGE CLAMP®
Technologie with cap**

• **Bayonet locking mechanism enables quick and easy assembly of the signal tower**

• **The ideal solution for every installation**

TECHNICAL SPECIFICATIONS:

Terminal element

Dimensions (Ø x Height):	52 mm x 65 mm
Material:	Terminal element: PA + PC/ABS
	Cap: PC
Fixing:	Tube mounting, for tube Ø 25 mm
	Single hole mounting, Base and bracket mounting (accessory)
Connection:	Screw terminal max. 1.5 mm²
Cable entry:	Cable diameter max. 9.5 mm

Terminal element with CAGE CLAMP® technology

Dimensions (Ø x Height):	52 mm x 65 mm
Material:	Terminal element: PA + PC/ABS
	Cap: PC
Fixing:	Tube mounting, for tube Ø 25 mm
	Base mounting, Single hole mounting and bracket mounting (accessory)
Connection:	CAGE CLAMP® technology max. 1.5 mm²
Cable entry:	Cable diameter max. 9.5 mm

ORDER SPECIFICATIONS TERMINAL ELEMENTS:

Terminal element incl. cap, rubber seal and nut	**845 000 00**
Terminal element with CAGE CLAMP® incl. cap, rubber seal and nut	**845 010 00**

⚠ ADDITIONAL INFORMATION:

Terminal elements with CAGE CLAMP® technology enable leads to be quickly and easily wired, guaranteeing a secure and reliable contact.
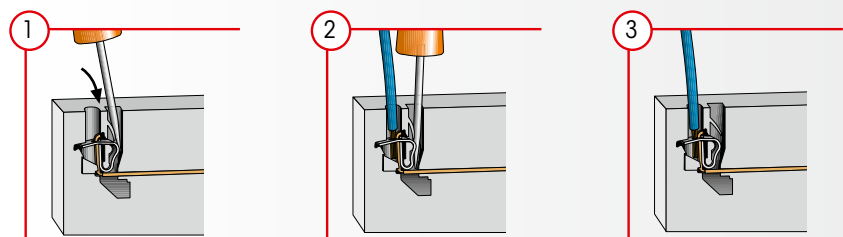
1 Insert screwdriver at a slight angle into opening as far as possible.

2 Open spring-loaded clamp with the help of the screwdriver and insert wire as far as possible.

3 Remove screwdriver - the wire is firmly clamped.

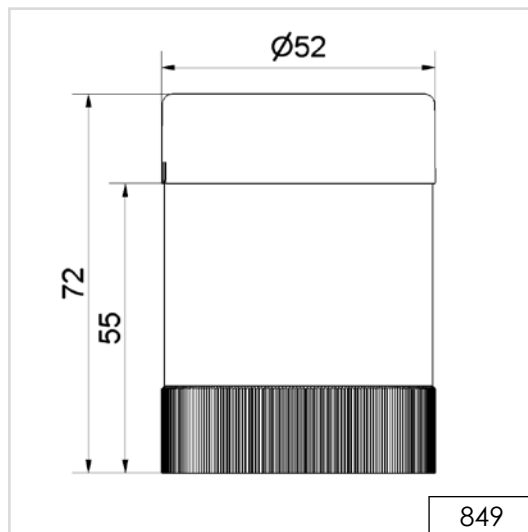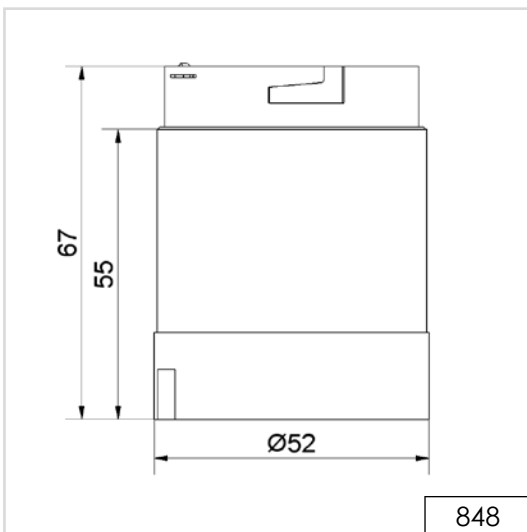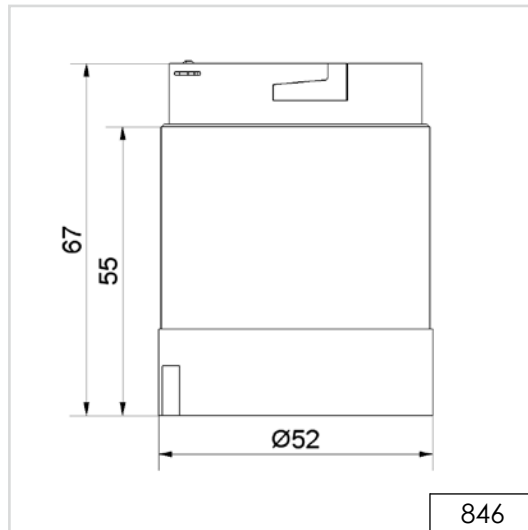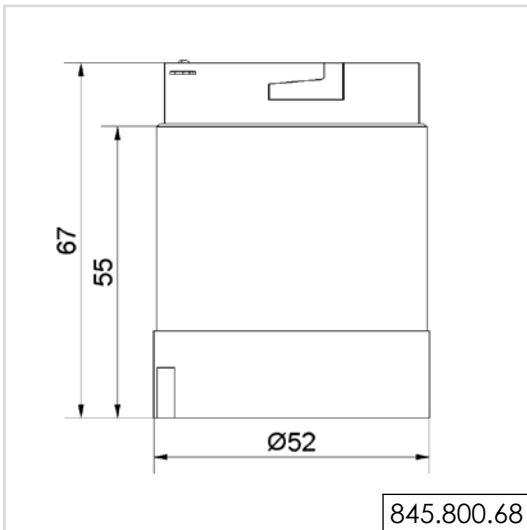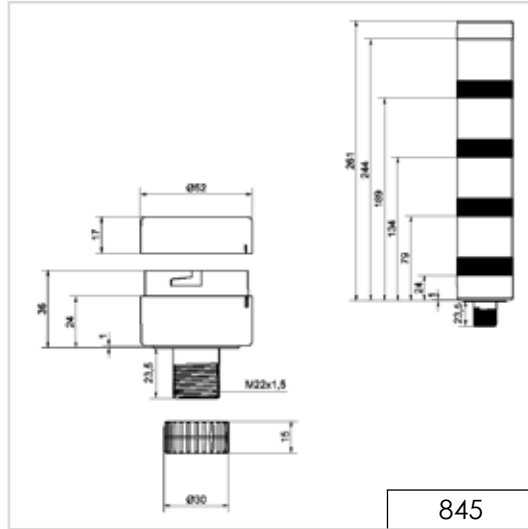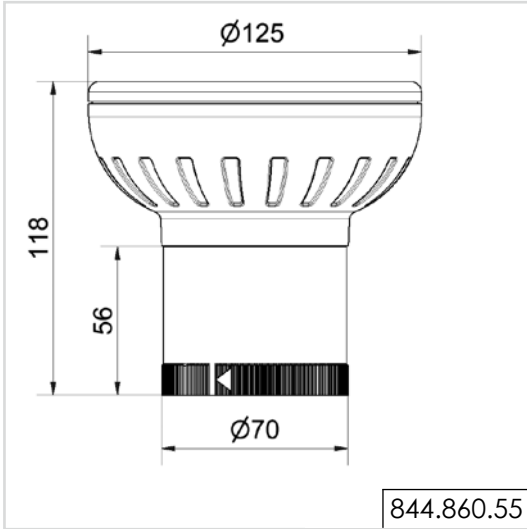CAGE CLAMP® is a registered trademark of WAGO Kontakttechnik GmbH.

ACCESSORIES:

Suitable accessories can be found on page 67.
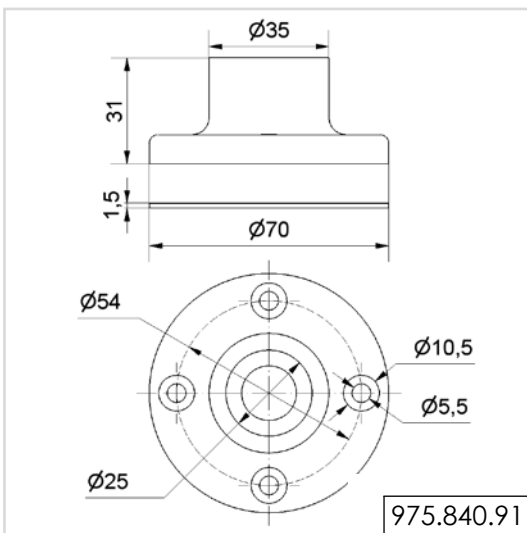
TECHNICAL DIAGRAMS: see page 320

See note on page 347

c(UL)us CE 125 g EAC IP 54 +50°C / -20°C

Technical Diagrams

844.860.55

845

845.800.68

846

848

849

WERMA
S I G N A L T E C H N I K

975.840.86

975.840.90

975.840.91

975.845.01

975.845.02

975.845.10
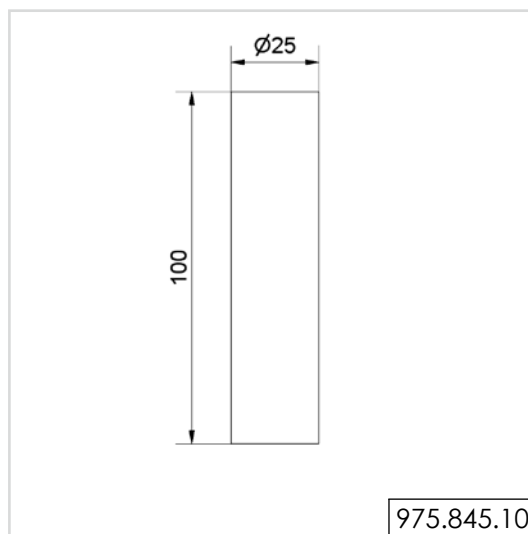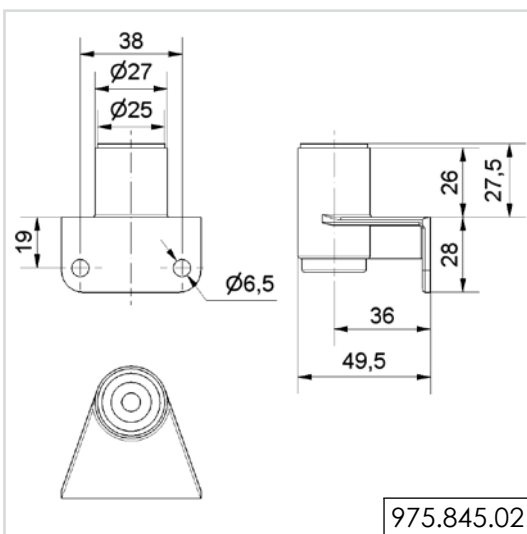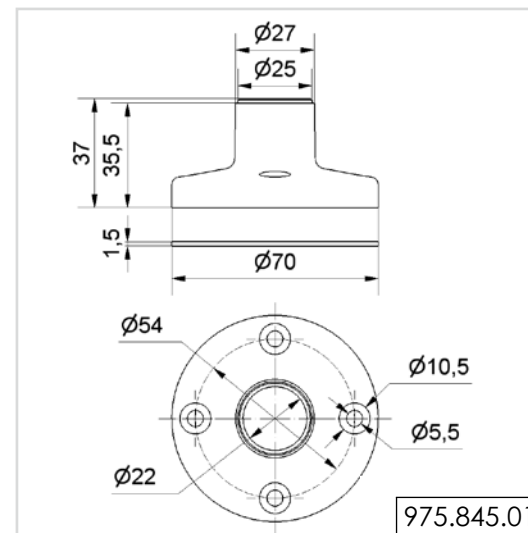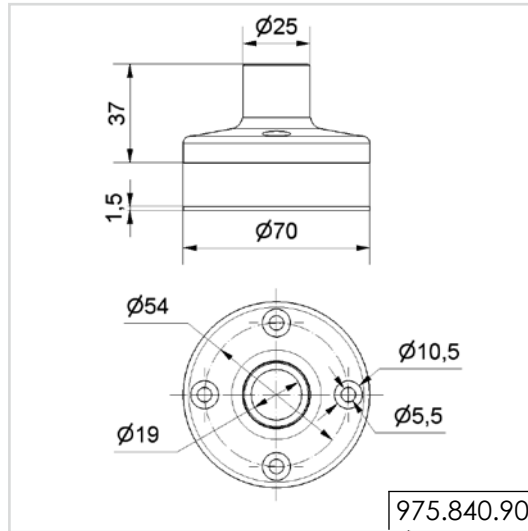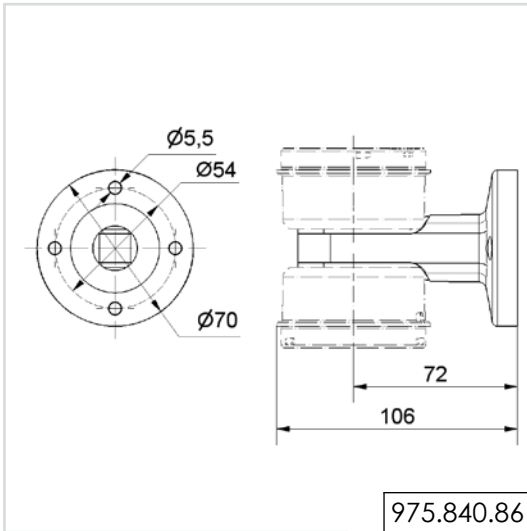
⚠ **ADDITIONAL INFORMATION:**

You are welcome to request the technical diagrams in digital form. The relevant 3D models, instruction leaflets
and connection diagrams can be obtained from us or downloaded from our homepage at any time.

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Technical
Diagrams

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