

Brief Introduction



WERMA Signaltechnik is an international company headquartered in southern Germany between Stuttgart and the Swiss border. Thanks to concentrated specialisation and more than 50 years of experience in the field of signalling, WERMA occupies the position of

technology leader and trendsetter in this sector.

WERMA offers a wide range of signal towers, optical, audible, optical-audible and Ex Signal devices that can be found in various industrial applications all over the world.

The Signal Tower MST 70 is a modular system that allows a completely free combination of optical and audible signal elements. Thanks to the use of a bayonet system the mechanical and electrical connection of the elements takes just seconds. Optical elements using a filament bulb, cutting edge LED technology or a strong Xenon flash are available as well as multi-functional sirens and optical-audible combinations.

The high protection rating IP 65 makes the Signal Tower suitable for nearly every indoor and outdoor application, even under extreme conditions. Thanks to a large variety of accessories the Modular Signal Tower MST 70 can be used in a wide range of industrial applications.



MST 70

Modular Signal Tower

- High protection rating IP 65
- Signal tower system 70 mm ø with modular construction
- Most important optical and audible elements and accessories available
- LED versions using LED bulbs with long life duration, maintenance-free
- competitively priced

Technical specifications:

Dimensions (Diameter x Height):	Terminal element:	70 mm x 30 mm
	Light element:	70 mm x 62.5 mm
	Siren element (24 V AC / DC):	70 mm x 90 mm
	Siren element (115 V AC, 230 V AC):	70 mm x 76 mm
	Optical / Audible element (24 V AC / DC):	70 mm x 90 mm
	Optical / Audible element (115 V AC, 230 V AC):	70 mm x 76 mm
Housing:	Terminal element:	PA fibreglass, high impact
	Cap:	PC
Dome:	PC, transparent	
	Audible and optical/audible elements:	PC
Fixing:	Base mounting	
	Tube mounting, for tube ø 25 mm	
	Bracket mounting	
Socket:	Bayonet, B 15 d, for bulb max. 10 W	
Connection:	Screwable connection max. 2,5 mm ²	
	Contact protection according to VDE	
Cable entry:	Cable diameter max. 9 mm	
Element seal:	Pre-mounted with each module	
Protection rating:	IP 65 with all elements	
Number of modules possible:	max. 5	
Permanent light element	12 – 240 V AC / DC	
	Bulb not included in assembly	
Flashing light element	12 - 48 V AC / DC	230 V AC
	Life duration:	after 6 x 10 ⁵ flashes light intensity is reduced to approx. 50%
LED Permanent light element	24 V AC / DC	230 V AC
	using LED bulb	
LED Blinking light element	24 V AC / DC	230 V AC
	using LED bulb	

ACCESSORIES:

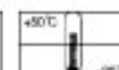
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TECHNICAL DIAGRAMS:

see page 6 & 7



In preparation



MST 70 Modular Signal Tower



Order specifications terminal elements:

Terminal element for bracket, base and tube mounting including cap and seal	680 859 00
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Order specifications optical elements:

Permanent light	12 – 240 V	
red	681 109 00	
green	681 209 00	
yellow	681 309 00	
clear	681 409 00	
blue	681 509 00	

Flashing light	12–48 V AC / DC	230 V AC
red	683 119 75	683 119 68
green	683 219 75	683 219 68
yellow	683 319 75	683 319 68
clear	683 419 75	683 419 68
blue	683 519 75	683 519 68

LED Permanent light	24 V AC / DC	230 V AC
red	684 109 75	684 109 68
green	684 209 75	684 209 68
yellow	684 309 75	684 309 68
clear	684 409 75	684 409 68
blue	684 509 75	684 509 68

LED Blinking light	24 V AC / DC	230 V AC
red	684 119 75	684 119 68
green	684 219 75	684 219 68
yellow	684 319 75	684 319 68
clear	684 419 75	684 419 68
blue	684 519 75	684 519 68



Accessories for MST 70 – Modular Signal Tower



Order specifications optical / audible elements:

Siren / Light element	24 V AC/DC	230 V AC
red	685 109 75	685 109 68
green	685 209 75	685 209 68
yellow	685 309 75	685 309 68
clear	685 409 75	685 409 68
blue	685 509 75	685 509 68

Order specifications audible elements:

Multi-functional Siren	24 V AC/DC	230 V AC
110 dB (24 V), 100 dB (115 / 230 V), IP 65, 3 different tones, adjustable sound output	685 809 75	685 809 68

Order specifications:

Bulb BA 15d Total length max. 42 mm

12 V, 5 Watt	955 849 34
24 V, 5 Watt	955 849 35
115 V, 5 Watt	955 849 57
230 V, 5 Watt	955 849 38

LED Permanent Bulb with BA 15d Socket

Voltage	12 V DC	24 V AC/DC	115 V AC	230 V AC
red	956 139 54	956 139 75	956 139 67	956 139 68
green	956 239 54	956 239 75	956 239 67	956 239 68
yellow	956 339 54	956 339 75	956 339 67	956 339 68
clear	956 439 54	956 439 75	956 439 67	956 439 68
blue	956 539 54	956 539 75	956 539 67	956 539 68

LED Blinking Bulb with BA 15d Socket

Voltage	24 V AC/DC	115 V AC	230 V AC
red	956 149 75	956 149 67	956 149 68
green	956 249 75	956 249 67	956 249 68
yellow	956 349 75	956 349 67	956 349 68
clear	956 449 75	956 449 67	956 449 68
blue	956 549 75	956 549 67	956 549 68

LED bulb included in LED Permanent and LED blinking light.

Accessories for MST 70 – Modular Signal Tower



Order specifications:

Bracket for surface mounting with cable gland	960 009 08
Bracket for surface mounting with concealed cable entry	960 009 07
Base with integrated tube, \varnothing 25 mm, 110 mm long, plastic, incl. rubber seal	960 009 06
Tube with cable gland, \varnothing 25 mm	
100 mm long	960 009 10
250 mm long	960 009 25
400 mm long	960 009 40
800 mm long	960 009 80
Bracket for tube mounting	960 009 09
Tube \varnothing 25 mm, all anodized aluminium	
100 mm long	975 849 10
250 mm long	975 849 25
400 mm long	975 849 40
800 mm long	975 849 80
Base for tube mounting \varnothing 25 mm, plastic, incl. rubber seal	975 849 90
Base for tube mounting \varnothing 25 mm, metal, incl. rubber seal	975 849 91
Contact box for cable exit at side, with mounting material	975 849 01
Contact box with magnetic base and cable exit at side	975 849 04
Bracket for tube mounting with cable gland	960 009 01

Technical Diagrams:

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MST 70

Technical Diagrams

