

How to assemble your MST 71 signal tower

► STEP 1:

Select the required optical or audible elements in the correct voltage.



Audible Signal Elements

- 2 tone siren
- 8 tone siren

Optical Signal Elements

- LED Permanent
- LED Blinking
- LED Flashing

► STEP 2 :

Select the appropriate mounting option for application.

Base Mounting

Tube Mounting

► STEP 3:

Select the correct terminal element for your mounting option.



Screw terminal
Order no. **680 829 55**

Screw terminal
Order no. **680 839 55**

► Step 4

Where appropriate, select a base and the desired tube length.



Base with integrated tube
(\varnothing 25mm, 110mm long)
Order no. **975 849 11**

Tube \varnothing 25mm, all anodized aluminum
Order no.
100 mm **975 849 10**
250 mm **975 849 25**
400 mm **975 849 40**
800 mm **975 849 80**

Base for tube (\varnothing 25mm, plastic)
Order no. **975 849 90**

Base for tube (\varnothing 25mm, metal)
Order no. **975 849 91**

Foldaway base suit to (\varnothing 25mm, tube)
Order no. **960 009 17**

► STEP 5:

Where appropriate, select the bracket and the contact box.



Side bracket for base mounting
with concealed cable entry
Order no. **960 009 07**

Side bracket for base
mounting, incl. cable gland
Order no. **960 009 02**

Contact box with magnetic base
Order no. **975 849 04**

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

Side bracket for tube mounting,
incl. cable gland
Order no. **960 009 01**



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MST 71

Diameter	70 mm
Voltage	24V DC (Positive and Negative logic)
Protection rating	IP 65
Light effect	Permanent, Blinking, Flashing
Tone type	Pulse, Continuous/ 8 tones, two ways external trigger
Sound output	95dB/ 90-102 dB
Number of tiers possible	1-5

MST 71 — Next Generation of 70 mm Modular Signal Tower



MST 71 is designed to offer an economical, reliable and ideal signalisation of choice and solutions for enhancing workplace safety and process optimisation virtually for any industry. User-friendly built in features of the convex lens design has enhanced the visibility and clarity of the light effect conforming to the most demanding applications of today's requirements & regulations

EXCELLENT VISIBILITY THROUGH CONVEY LENS

FROM ALL THE POSITIONS AND DIRECTIONS

HIGH FLEXIBILITY WITH **8 TONES SELECTABLE** AND **UP TO 102dB SOUND OUTPUT**

EXTERNAL SETTING OF TWO TONES DIRECTLY

ENABLES WORKING STATUS EASY TO DISTINGUISH

PRE-ASSEMBLED STANDARD VERSIONS

AVAILABLE TO SAVE TIME AND RESOURCE

SIMPLE AND INTUITIVE INSTALLATION WITH **POKA YOKE**



MST 71-Optical Signal Elements



Technical specifications / Order specifications:	
Dimensions (φ × Height):	70mm×65mm
Lens:	PC
Life duration:	50,000 hours
Protection rating:	IP65
LED Permanent light element	
Voltage:	24V DC
Current consumption:	≤40mA
red	681 139 55
green	681 239 55
yellow	681 339 55
white	681 439 55
blue	681 539 55
LED Blinking light element	
Voltage:	24V DC
Current consumption:	≤40mA
red	682 139 55
green	682 239 55
yellow	682 339 55
white	682 439 55
blue	682 539 55
LED Flashing light element	
Voltage:	24V DC
Current consumption:	≤90mA
red	683 139 55
green	683 239 55
yellow	683 339 55
white	683 439 55
blue	683 539 55

MST 71-Audible Signal Elements



Technical Specifications / Order Specifications:	
Dimensions (φ × Height):	70mm×53mm
Housing:	PC
Life duration:	5,000 hours
Protection rating:	IP65
2 tones siren	
Sound output:	95dB
Tone type:	Permanent tone or pulse tone, selectable by slide switch
Voltage:	24V DC
Current consumption:	≤20mA
Article number:	685 829 55
8 tones siren	
Sound output:	90-102dB, selectable by slide switch
Tone type:	8 tones, selectable by slide switch
Trigger mode:	2 ways external trigger
Voltage:	24V DC
Current consumption:	≤30mA
Article number:	685 839 55

MST 71-Terminal Elements



Technical Specifications / Order Specifications:	
Housing:	PA
Cable entry:	Diameter max. 9mm
Protection rating:	IP65
Number of tiers:	5
Connection:	Screw terminal max. 2.5mm ²
Base mounting	
Dimensions (φ × Height):	70mm×46.5mm
Voltage:	24V DC
Article number:	680 829 55
Tube mounting (φ 25mm)	
Dimensions (φ × Height):	70mm×86mm
Voltage:	24V DC
Article number:	680 839 55

MST 71-Signal Tower



Technical Specifications / Order Specifications:		
Pre-assembled:	3 tiers	4 tiers
Dimensions (φ × Height):	70mm×325mm	70mm×365mm
Voltage:	24V DC	24V DC
LED Permanent RD/YE/GN	689 109 02	-
LED Permanent RD/YE/GN/Buzzer	-	689 109 01
Consisting of (Tube mounting):	681 139 55 + 681 339 55 + 681 239 55 + 680 839 55 + 975 849 11	685 829 55 + 681 139 55 + 681 339 55 + 681 239 55 + 680 839 55 + 975 849 11

Accessories:	
Side bracket for base mounting with concealed cable entry	960 009 07
Side bracket for base mounting, incl. cable gland	960 009 02
Side bracket for tube mounting, incl. cable gland	960 009 01
Base with integrated tube φ 25mm, 110mm long	975 849 11
Tube φ 25mm, all anodized aluminum:	
100mm	975 849 10
250mm	975 849 25
400mm	975 849 40
800mm	975 849 80
Base for tube φ 25mm, plastic	975 849 90
Base for tube φ 25mm, metal	975 849 91
Foldaway base suit to φ 25mm, tube	960 009 12

