

# FlatSIGN

Signal Towers · completely  
pre-assembled · FlatSIGN



## Innovative LED Signal Tower with curved front

The LED signal tower FlatSIGN stands out from the competition with its range of innovative functions and unique advantages: in particular its aesthetically pleasing, curved design which facilitates a 160° viewing angle. This guarantees exceptional signal visibility, even from the side.

If no signal is active, the flat LED signal tower blends into the background - without distracting from the design of the machine or its environment.

## Wide range of applications

The FlatSIGN can be deployed in a wide range of applications: from logistics, warehousing and materials handling to machine and plant engineering. Thanks to its high build quality and appearance it is also ideally suited for building services applications. The high protection rating IP 65 ensures it can also be used outside.



## The advantages at a glance

- ✓ Permanent or blinking light selectable
- ✓ High build quality and appearance
- ✓ 160° viewing angle - the signal is clearly visible from the side
- ✓ Also available with integrated loud audible signal (depending on the variant, either a buzzer or multi-tone sounder)
- ✓ Multi-Tone Sounder with 8 adjustable tones
- ✓ Flexible, user-friendly mounting options and simple connection
- ✓ Comprehensive fixing kit available as accessory



In its inactive state, the signal tower blends into the background thanks to its colourless, translucent housing



FlatSIGN in metallic finish



The fixing kit consists of two tube clamps and an adaptor (accessory)

- Innovative LED signal tower with curved front
- 160° signal visibility - the signal is transparently visible from the side
- Permanent or blinking light selectable
- With optional integrated, high-output buzzer
- Simple, user-friendly mounting
- Comprehensive fixing kit for a wide range of mounting options (accessory)

**i TECHNICAL SPECIFICATIONS:**

Life duration up to 50,000 hrs

Dimensions (L x H x W):	195 mm x 105 mm x 48.2 mm
Lower part:	PC-ABS, black
Upper part:	PC, transparent or silver
Lens:	PC, transparent
Fixing:	Wall mounting
Connection:	Screw terminal max. 1.5 mm <sup>2</sup>
Current consumption:	Optical signal: 30 mA per tier Audible signal: 30 mA
Light effects:	Permanent or blinking light selectable
Audible signal:	Buzzer or multi-tone sounder (8 tones)

**ORDER SPECIFICATIONS:**



Voltage	24 V DC	115-230 V AC
Audibel Signal	Multi-tone Sounder	Buzzer
<b>FlatSIGN with transparent housing</b>		
FlatSIGN without audible signal, red/yellow/green	<b>691 100 55</b>	<b>691 100 68</b>
FlatSIGN with audible signal, red/yellow/green	<b>691 200 55</b>	<b>691 200 68</b>
<b>FlatSIGN in Metal Design</b>		
FlatSIGN without audible signal, red/yellow/green	<b>691 300 55</b>	<b>691 300 68</b>
FlatSIGN with audible signal, red/yellow/green	<b>691 400 55</b>	<b>691 400 68</b>

**ACCESSORIES:**

Fixing kit	<b>975 691 01</b>
Contents: 2 tube clamps for tube (Ø 24-25 mm) and adaptor	

No special accessories needed for mounting on a flat surface.

FlatSIGN is ideal for mounting on flat surfaces such as walls or enclosures. The comprehensive fixing kit, available as an accessory, permits more mounting options.

- If the signal tower is to be connected via surface wiring, then it can be simply attached using the adaptor.
- The adaptor also enables the tower to be quickly and simply mounted onto electrical installation back-boxes.
- In addition, the adaptor enables simple mounting onto aluminium profiles.
- For tube mounting (Ø 24-25 mm) the adaptor and the two tube clamps are employed.

**TECHNICAL DIAGRAMS: see page 311**

See note on page 347

691 X00 55

UL CE EAC 235 g IP65 +50°C -30°C 80 dB 8

