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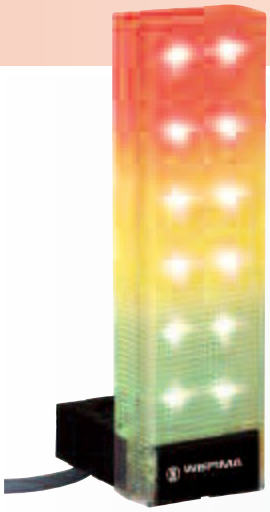
VarioSIGN – Innovative signal towers with unique functions and a range of advantages

The new LED signal tower Vario*SIGN* stands out from the competition with its range of unique features and advantages as well as its revolutionary, innovative form.

If no signal is active, the LED tower blends into the background with its colourless, translucent housing - without distracting from the design of the machine. Only in the event of an active signal is the tower filled with colour, making its presence known with its large, attention-grabbing illuminated surface.

Thus the signal tower combines a maximum optical effect with modern machine forms and designs.

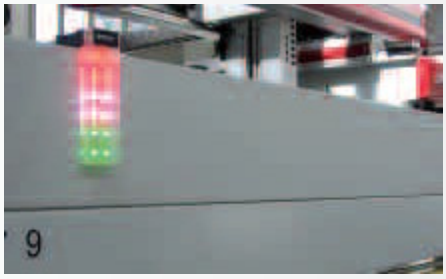


ALL ADVANTAGES AT ONE GLANCE

- Mechanical modularity of the three tiers replaced by electronic modularity
- Colours and light effects, depending on the variant, can be individually set via DIP switch and changed at any time
- High quality workmanship and appearance
- Light effect visible from one or two sides as required
- With optional integrated, high output buzzer
- Variants available with adjustable, attention-grabbing lighting effects

ADJUSTABLE LIGHTING CONFIGURATION AND MOUNTING POSITION

Depending on the variant, a tier-by-tier or complete illumination of the lighting body is possible.



Tier-by-tier illumination of the lighting body

Colour intensive, complete illumination

Lighting body positioned upwards

Lighting body positioned downwards

Depending on the application, the lighting body of the Vario*SIGN* signal tower can be positioned to point upwards, downwards or horizontally.

WERMA SIGNALTECHNIK

690 Vario*SIGN* – red/yellow/green

NEW

- **LED signal tower with permanent lights in red, yellow and green**
- **Preset, three-tier colour distribution**
- **1 or 2 sided illumination**
- **With optional integrated, high output buzzer**

Fixed, three-tier colour distribution in red, yellow and green

TECHNICAL SPECIFICATIONS:

Dimensions (W x H x D):	62 mm x 220 mm x 30.5 mm
Housing:	PC/ABS blend, black
Dome:	PC, transparent
Fixing:	Base mounting
Connection:	Screwable connection, max. 1.5 mm²
Current consumption:	Optical: 55 mA per tier Buzzer: 20 mA

ORDER SPECIFICATIONS:

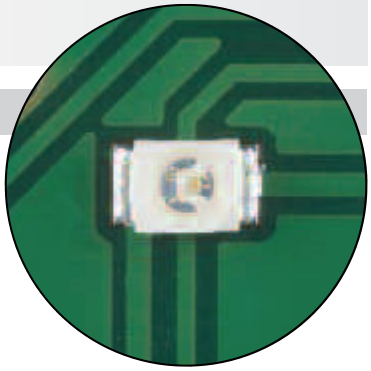
Vario*SIGN* without Buzzer	24 V⎓
1-sided	**690 330 55**
2-sided	**690 320 55**
Vario*SIGN* with Buzzer	24 V⎓
1-sided	**690 310 55**
2-sided	**690 300 55**

Available from the 2nd Quarter 2009.

TECHNICAL DIAGRAMS:

see page 272

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



Fixed colour distribution with SMD technology

In preparation

c UL us CE 240 g IP65 +50°C -30°C 85 dB

690 VarioSIGN – RGY

NEW

- **LED signal tower with permanent lights in red, yellow and green**
- **Complete illumination of the lighting body in one colour possible (can be triggered externally)**
- **Colour distribution can be set and adjusted as required via DIP switch**
- **With optional integrated, high output buzzer**

The colours red, yellow and green can adjusted via DIP switch for any required order or distribution

TECHNICAL SPECIFICATIONS:

Dimensions (W x H x D):	62 mm x 220 mm x 30.5 mm
Housing:	PC/ABS blend, black
Dome:	PC, transparent
Fixing:	Base mounting
Connection:	Screwable connection, max. 1.5 mm²
Current consumption:	Optical: depending on the colour combination, up to 120 mA Buzzer: 20 mA

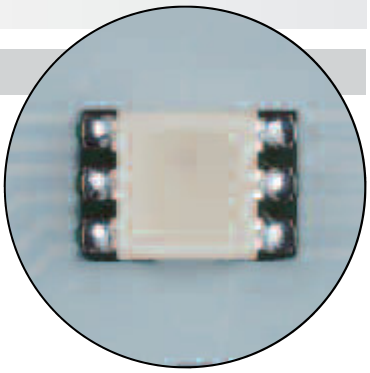
ORDER SPECIFICATIONS:

VarioSIGN without Buzzer	24 V⎓
1-sided	**690 230 55**
2-sided	**690 220 55**
VarioSIGN with Buzzer	24 V⎓
1-sided	**690 210 55**
2-sided	**690 200 55**

Available from the 2nd Quarter 2009.

TECHNICAL DIAGRAMS:

see page 272



Completely flexible colour distribution thanks to RGY LEDs

Attention-grabbing illumination of the entire lighting body in one colour (can be triggered externally)

In preparation

c UL us CE 260 g IP 65 +50°C -30°C 85 dB

WERMA SIGNALTECHNIK

690 Vario*SIGN* – RGB

NEW

- **LED signal tower with permanent light and additional light effects**
- **7 colours**
- **Complete illumination of the lighting body in one colour possible (can be triggered externally)**
- **Colour distribution can be set and adjusted as required via DIP switch**
- **With optional integrated, high volume buzzer**

Attention-grabbing illumination of the entire lighting body in one colour (a choice of 7 colours, can be triggered externally)

TECHNICAL SPECIFICATIONS:

Dimensions (W x H x D):	62 mm x 220 mm x 30.5 mm
Housing:	PC/ABS blend, black
Dome:	PC, transparent
Fixing:	Base mounting
Connection:	Screwable connection, max. 1.5 mm²
Current consumption:	Optical: depending on the colour, up to 500 mA max. Buzzer: 20 mA
Possible colours:	red, yellow, green, clear, blue, violet, turquoise
Lighting effects:	Tier-by-tier illumination: Flashing light Complete illumination: EVS

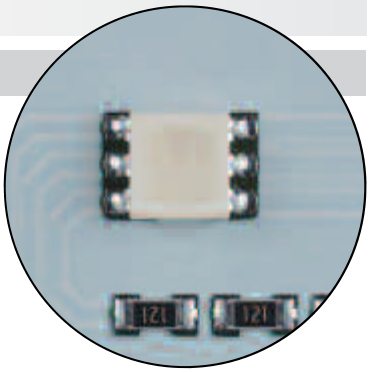
ORDER SPECIFICATIONS:

Vario*SIGN* with light effects and Buzzer	24 V⎓
1-sided	**690 010 55**
2-sided	**690 000 55**

Available from the 2nd Quarter 2009.

TECHNICAL DIAGRAMS:

see page 272



Thanks to RGB LEDs 7 different colours can be set

The "EVS" light effect ensures a maximum attention-grabbing effect (can be set with complete illumination)

In preparation

c UL us CE 260 g IP 65 +50°C -30°C 85 dB

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