EvoSIGNAL

The quick and easy way to create the perfect signalling solution.
Signal devices warn, guide and protect. The type of optical and audible signals used depends on the application and the surroundings. With EvoSIGNAL, it is easier than ever before to find the signal device you need: the streamlined, modular system optimally covers practically all areas of application.

EvoSIGNAL is the new modular, simple and clear standard solution for the signalling sector – in other words, typically WERMA.

All the advantages of the **EvoSIGNAL** range at a glance

- **Form-fit-function**
  Universal modular concept with uniform design in three sizes

- **Compatibility**
  Easy to replace previous products

- **Best in Class**
  Excellent visibility from all sides; robust, high-performance and tamper-proof system

- **Simple, Intuitive installation**
  Poka-yoke, few parts, simple electrical connection

- **Twin functions**
  TwinLIGHT / TwinFLASH* – two light effects in one; also suitable for use as escalation levels

- **Significantly reduced number**
  of variants that still provides a complete product range

* TwinLIGHT: Permanent and Blinking Light
TwinFLASH: Flash and EVS
Modular, simple, streamlined.

Three product sizes to cover all applications - a unique aspect of the EvoSIGNAL range.

Simple and streamlined – this means less effort with fewer part numbers, whilst providing a complete product range and ensuring full compatibility with previous products.

EvoSIGNAL – intelligent signalling and future-orientated solutions.

CLEVER
The standard solution that offers everything you need and leaves nothing out

SAFE
Best in class specification for an excellent signalling effect and robust, tamper-proof operation

INTUITIVE
Easy and consistent installation process, including compatibility with previous products

EvoSIGNAL replaces the following WERMA product ranges in the categories of signal beacons, horns & sirens and optical-audible combinations with full compatibility.

The full range is maintained, but with the number of variants reduced to 20%.
EvoSIGNAL modular system

Find your optimum solution in just three steps: signalling couldn’t be easier!

Select the size

MINI
Distance: 0 - 20 m
ø 62 mm

MIDI
Distance: 10 - 30 m
ø 85 mm

MAXI
Distance: > 20 m
ø 120 mm

Select the type of signalling

Optical

Optical-audible combinations*

Audible*

Select the type of installation, e.g.

Base mounting
Tube mounting*
Bracket mounting

You can find our configurator at:
www.werma.com

* not available for MAXI
EvoSIGNAL MINI offers „close-range“ solutions – for signalling over short distances.

**THE MOST IMPORTANT PRODUCT FEATURES**

| Available voltages                      | 12 V AC/DC, 24 V AC/DC, 115/230 V AC |
| Available versions                      | Optical, Optical-Audible, Audible    |
| Available light effects                 | TwinLIGHT, TwinFLASH                |
| Ambient temperature                     | -30°C…60°C                          |
| Protection rating                       | IP66                                |
| Horns & sirens                          | Pulse tone 95 dB, Continuous tone 89 dB |

**AVAILABLE COLOURS**

**OPTICAL**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Purple</td>
<td></td>
</tr>
</tbody>
</table>

**OPTICAL - AUDIBLE**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Pulse tone - „loud“</td>
</tr>
<tr>
<td>Green</td>
<td>Continuous tone</td>
</tr>
<tr>
<td>Yellow</td>
<td>„quiet“</td>
</tr>
</tbody>
</table>

**REPLACES THE FOLLOWING PRODUCTS**

All 532 part numbers from the product ranges:

**AVAILABLE COLOURS**

**OPTICAL - AUDIBLE COMBINATION**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Pulse tone - „loud“</td>
</tr>
<tr>
<td>Green</td>
<td>Continuous tone</td>
</tr>
<tr>
<td>Yellow</td>
<td>„quiet“</td>
</tr>
</tbody>
</table>

**CONNECTIONS**

**Easy, safe connection (push-in terminals)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TwinLIGHT</td>
<td>X1: Permanent Light, X2: Blinking Light</td>
</tr>
<tr>
<td>TwinFLASH</td>
<td>X1: Flash, X2: EVS</td>
</tr>
<tr>
<td>TriCOLOUR</td>
<td>X1: GN, X2: RD, X1 + X2: YE</td>
</tr>
</tbody>
</table>

**AVAILABLE COLOURS**

**OPTICAL**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Purple</td>
<td></td>
</tr>
</tbody>
</table>

**OPTICAL - AUDIBLE COMBINATION**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Pulse tone - „loud“</td>
</tr>
<tr>
<td>Green</td>
<td>Continuous tone</td>
</tr>
<tr>
<td>Yellow</td>
<td>„quiet“</td>
</tr>
</tbody>
</table>

**Horns & sirens**

Pulse tone 95 dB, Continuous tone 89 dB

**70 part numbers, one size**

Previously there were 532 part numbers, now only EvoSIGNAL MINI offers "close-range" solutions – for signalling over short distances.
EvoSIGNAL MIDI offers optical and audible signalling for use predominantly over medium distances.

### The Most Important Product Features

**Available voltages**
- 12 V/24 V AC/DC, 115/230 V AC

**Available versions**
- Optical, Optical-Audible, Audible

**Available light effects**
- TwinLIGHT, TwinFLASH, Rotating Light

**Ambient temperature**
- -30°C...60°C

**Protection rating**
- IP66

**Approvals**
- CE, EAC, (CCC)

**Horns & sirens**
- Max. 110 dB, reduction of 10 dB possible, (10 tones available)

### Connections

**Easy, safe connection (push-in terminals)**

<table>
<thead>
<tr>
<th>Product</th>
<th>TwinLIGHT</th>
<th>TwinFLASH</th>
<th>TriCOLOUR (only optical)</th>
<th>Rotating Light (only optical)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X1</td>
<td>Permanent Light</td>
<td>Flash</td>
<td>GN</td>
<td>Rotating</td>
</tr>
<tr>
<td>X2</td>
<td>Blinking Light</td>
<td>EVS</td>
<td>RD</td>
<td>–</td>
</tr>
</tbody>
</table>

### Available Colours

#### Optical

- Red
- Green
- Yellow
- Blue
- White

#### Optical - Audible

- Red
- Green
- Yellow
- Red
- Green
- Yellow
- Blue
- White

### Replaces the Following Previous Products

All 231 part numbers from the product ranges: 133, 134, 420/422, 430/432, 431/433, 570, 574, 575, 585, 826, 828, 829

1) TwinLIGHT / TwinFLASH combines two light effects in one product (also suitable for use as escalation levels).

2) TriCOLOUR model available (green/yellow/red – can serve for example as a traffic light). This product enables these colours to be triggered via only two outputs (from the machine control unit).
Evo SIGNAL MAXI covers long distances that require an attention-grabbing signal.

**THE MOST IMPORTANT PRODUCT FEATURES**

- **Available voltages**: 12 V/24 V AC/DC, 115/230 V AC
- **Available versions**: Optical
- **Available light effects**: TwinLIGHT®, TwinFLASH®, Rotating Light
- **Ambient temperature**: -30°C...+60°C
- **Protection rating**: IP66
- **Approvals**: CE, EAC, (CCC)

**AVAILABLE COLOURS OPTICAL**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>R</td>
<td>Permanent</td>
</tr>
<tr>
<td>Yellow</td>
<td>Y</td>
<td>Blinking</td>
</tr>
<tr>
<td>Green</td>
<td>G</td>
<td>Flash</td>
</tr>
<tr>
<td>Blue</td>
<td>B</td>
<td>EVS</td>
</tr>
<tr>
<td>Grey</td>
<td>GR</td>
<td>Rotating</td>
</tr>
</tbody>
</table>

**REPLACES THE FOLLOWING PREVIOUS PRODUCTS**

All 50 part numbers from the product ranges: 280

**CONNECTIONS**

- **Easy, safe connection (push-in terminals)**
  - TwinLIGHT: X1: Permanent Light, X2: Blinking Light
  - TwinFLASH: X1: Flash, X2: EVS
  - Rotating Light: X1: Rotating, X2: –
Application range

EvoSIGNAL MINI
for installation in locations with limited space; for indoor and outdoor applications.

Typical applications: building services engineering, on small machines and devices.

EvoSIGNAL MIDI
flexible medium-range signalling solutions; for indoor and outdoor applications.

Typical applications: building services engineering, door and gate applications, machinery and plant equipment systems.

EvoSIGNAL MAXI
flexible long-range signalling solutions; for indoor and outdoor applications.

Typical applications: building services engineering, door and gate applications, long-range solutions for machinery and plant equipment systems.

Find the right product

www.werma.com/evosignal