**WERMA**®

EUROPE'S LEADER IN SIGNALLING

# Evo*SIGNAL*

**The quick and easy way to create the perfect signalling solution.**

# All the advantages
# of the **Evo**_SIGNAL_
# range at a glance

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

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

**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**
**Twin**_LIGHT_ / **Twin**_FLASH_*– two light effects in one; also suitable for use as escalation levels

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

* **Twin**_LIGHT_: Permanent and Blinking Light
**Twin**_FLASH_: Flash and EVS

# Modular, simple, streamlined.

Three product sizes to cover all applications - a unique aspect of the **Evo**_SIGNAL_ 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.
**Evo**_SIGNAL_ – intelligent signalling and future-orientated solutions.

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

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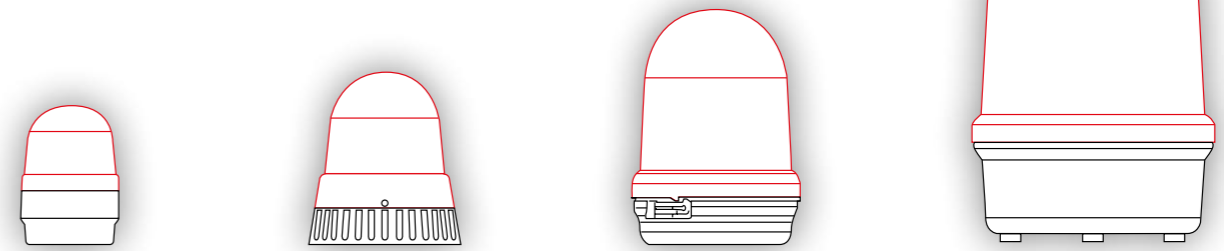The standard solution that offers everything you need and leaves nothing out

## 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

**Evo**_SIGNAL_

The full range is maintained, but with the number of variants reduced to 20 %.
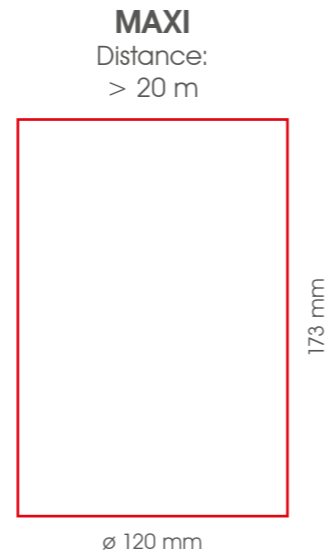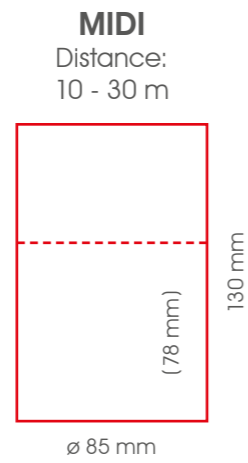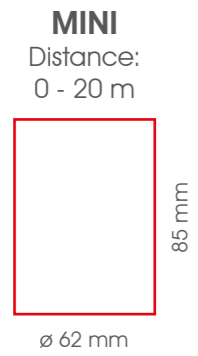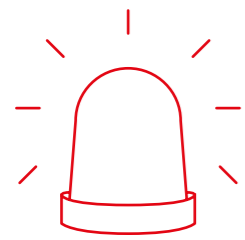
**MINI**          **MIDI**          **MAXI**

# **Evo**SIGNAL
# modular system

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

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**Select the size**

**MINI**
Distance:
0 - 20 m

85 mm

ø 62 mm

**MIDI**
Distance:
10 - 30 m

130 mm

(78 mm)

ø 85 mm

**MAXI**
Distance:
> 20 m

173 mm

ø 120 mm

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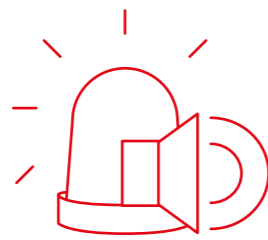**Select the type of signalling**

Optical

Optical-audible
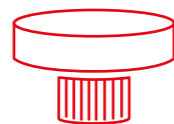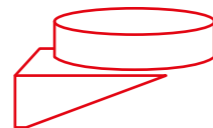combinations*

Audible*

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**Select the type of installation, e.g.**

Base mounting

Tube mounting*

Bracket mounting
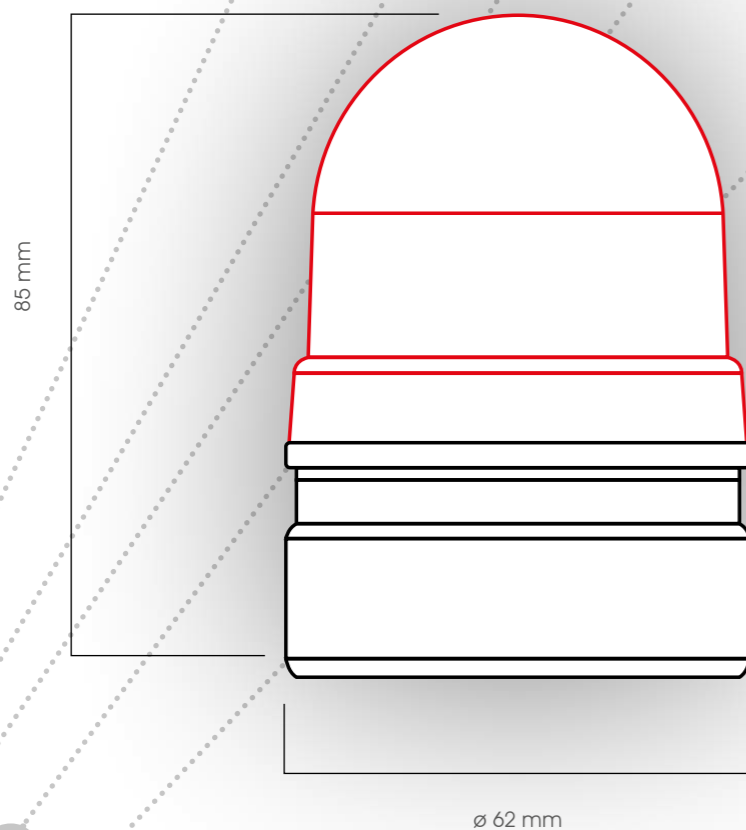
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You can find our configurator at:
**www.werma.com**

\* not available for **MAXI**

# EvoSIGNAL
# MINI

**70**

85 mm

Scale 1:1

ø 62 mm

Previously
there
were **532** part numbers

**Evo**SIGNAL **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** | Twin*LIGHT*[1], Twin*FLASH*[1] |
| **Ambient temperature** | -30°C…60°C |
| **Protection rating** | IP66 |
| **Approvals** | CE, EAC, (CCC) |
| **Horns & sirens** | Pulse tone 95 dB, Continuous tone 89 dB |

1) **Twin***LIGHT* / **Twin***FLASH* combines two light effects in one product
(also suitable for use as escalation levels)
**Twin***LIGHT*: Permanent and Blinking Light
**Twin***FLASH*: Flash and EVS

## AVAILABLE COLOURS
## OPTICAL

[2]

## AVAILABLE COLOURS
## OPTICAL - AUDIBLE

## REPLACES THE FOLLOWING PRODUCTS

**All 532 part numbers from the product ranges:**
127, 128, 200/203, 201/204, 206, 207, 209, 210/213, 211/214, 216, 219,
221/224, 222/225, 800, 801, 802, 815, 816, 817, 420/422, 421/423,
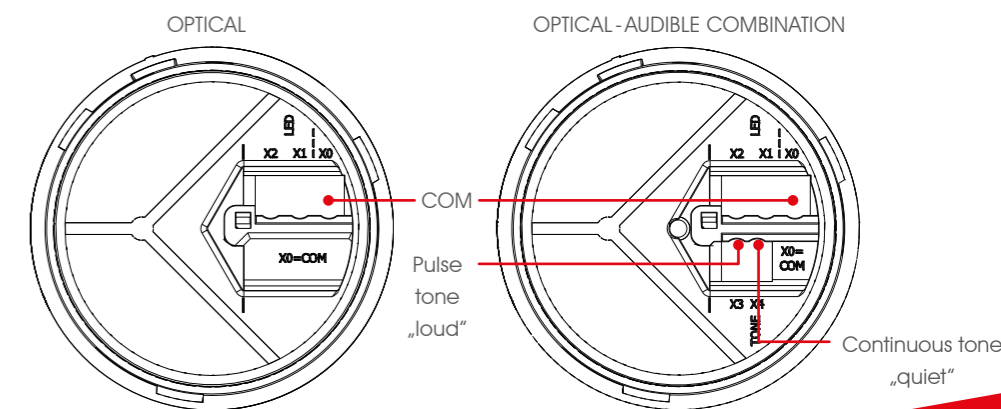424, 425, 482, 582

2) **Tri***COLOUR* model available (green/yellow/red – can serve for
example as a traffic light). This product enables three colours to
be triggered via only two outputs (from the machine control unit).

## CONNECTIONS

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

**Twin***LIGHT*
**X1:** Permanent Light  **X2:** Blinking Light

**Twin***FLASH*
**X1:** Flash  **X2:** EVS

**Tri***COLOUR* (only optical)
**X1:** GN  **X2:** RD
**X1 + X2:** YE

OPTICAL

OPTICAL - AUDIBLE COMBINATION

COM

Pulse
tone
„loud"

Continuous tone
„quiet"

**70** part numbers, one size

**31**
Twin*LIGHT*, Twin*FLASH*,
**Tri**COLOUR

**30**
**Twin***LIGHT*
**Twin***FLASH*

**3**
HORNS & SIRENS

**6**
MOUNTING ADAPTERS

# Evo*SIGNAL*
# MIDI

Now only

part numbers

**Evo***SIGNAL* **MIDI** offers optical and audible signalling for use predominantly over medium distances.

130 mm

Scale 1:1

ø 85 mm

Previously
there
were **231** part numbers

## 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** | Twin*LIGHT*[1], Twin*FLASH*[1], 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) |

## AVAILABLE COLOURS OPTICAL

## AVAILABLE COLOURS OPTICAL - AUDIBLE

## REPLACES THE FOLLOWING PREVIOUS PRODUCTS

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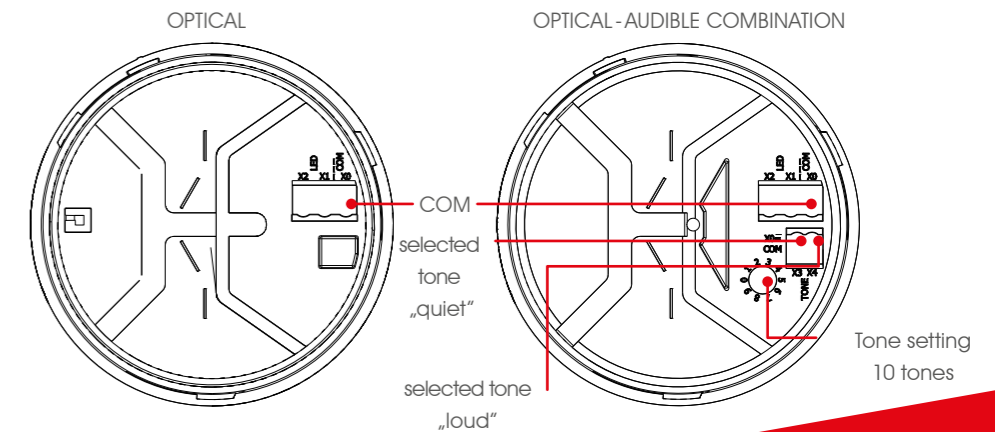133, 134, 420/422, 430/432, 431/433, 570, 574, 575, 585, 826, 828, 829

1) **Twin***LIGHT* / **Twin***FLASH* combines two light effects in one product (also suitable for use as escalation levels)
**Twin***LIGHT*: Permanent and Blinking Light
**Twin***FLASH*: Flash and EVS

2) **Tri***COLOUR* model available (green/yellow/red – can serve for example as a traffic light). This product enables three colours to be triggered via only two outputs (from the machine control unit).

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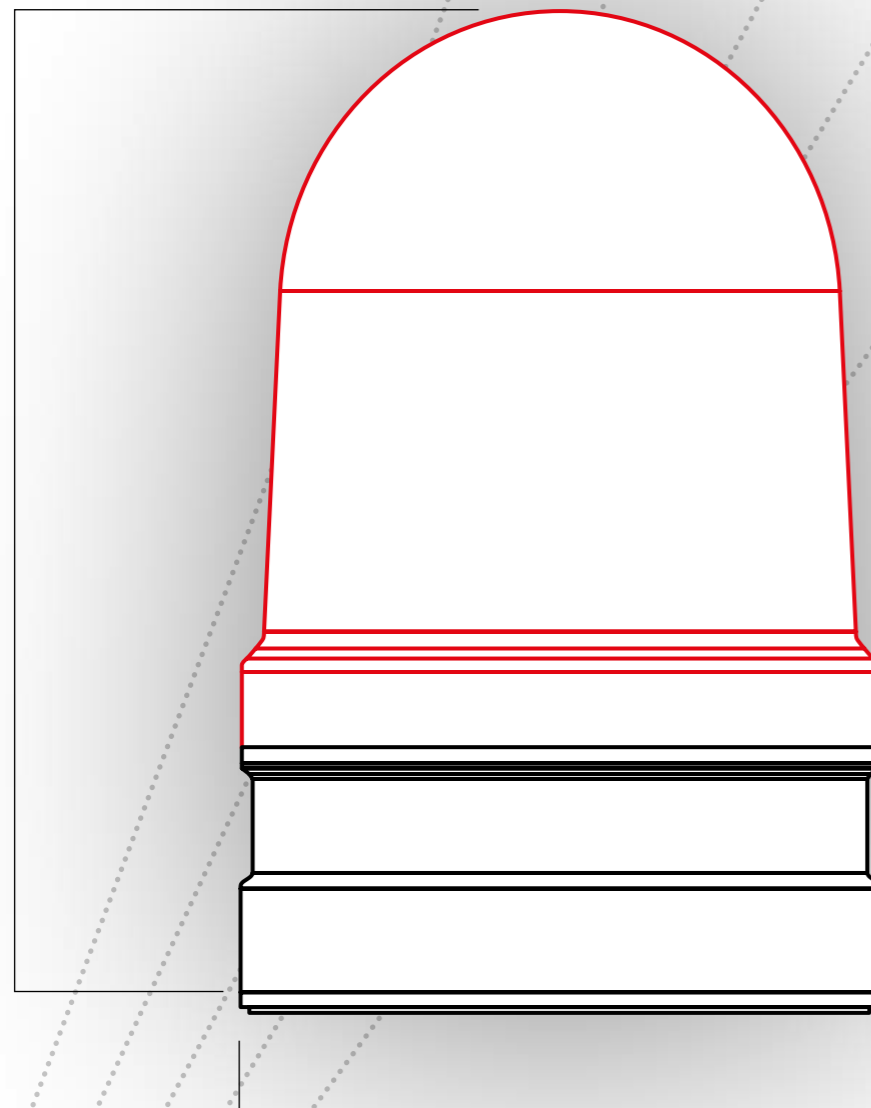
**Easy, safe connection (push-in terminals)**

**Twin***LIGHT*
**X1:** Permanent Light    **X2:** Blinking Light

**Twin***FLASH*
**X1:** Flash    **X2:** EVS

**Tri***COLOUR* (only optical)
**X1:** GN    **X2:** RD
**X1 + X2:** YE

Rotating Light (only optical)
**X1:** Rotating    **X2:** –

OPTICAL

OPTICAL - AUDIBLE COMBINATION

COM

selected tone „quiet"

selected tone „loud"

Tone setting 10 tones

**60** part numbers, one size

**32**
**Twin***LIGHT*, **Twin***FLASH*, **Tri***COLOUR*, Rotating Light

**20**
**Twin***LIGHT*
**Twin***FLASH*

**2**
HORNS & SIRENS

**6**
MOUNTING ADAPTERS
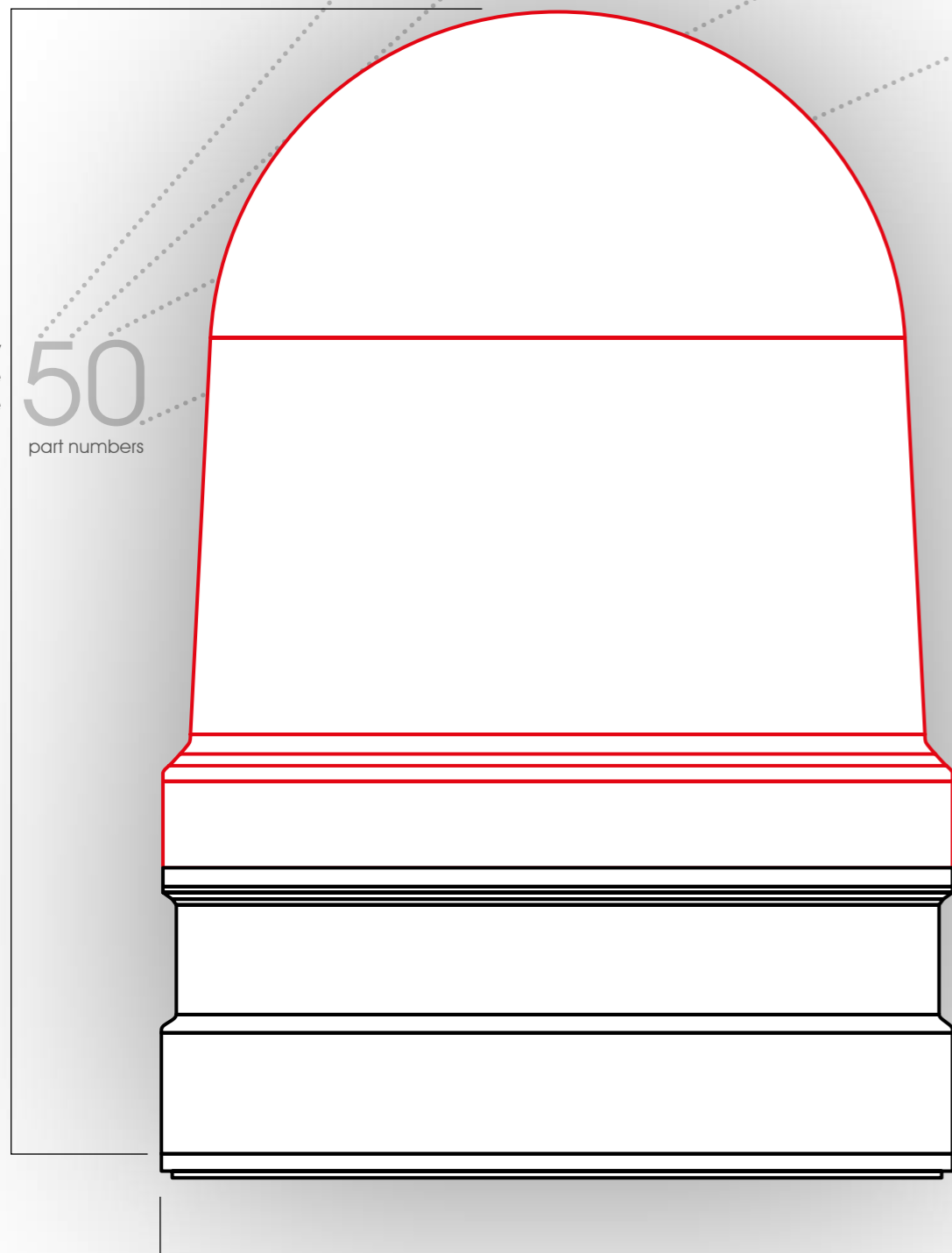
# EvoSIGNAL MAXI

**34**

Now only

part numbers

Previously there were **50** part numbers

173 mm

Scale 1:1

ø 120 mm

**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** | **Twin**LIGHT[1], **Twin**FLASH[1], Rotating Light |
| **Ambient temperature** | -30°C…60°C |
| **Protection rating** | IP66 |
| **Approvals** | CE, EAC, (CCC) |

1) **Twin**LIGHT / **Twin**FLASH combines two light effects in one product (also suitable for use as escalation levels)

## AVAILABLE COLOURS OPTICAL

## REPLACES THE FOLLOWING PREVIOUS PRODUCTS

**All 50 part numbers from the product ranges:**
280

**Twin**LIGHT: Permanent and Blinking Light
**Twin**FLASH: Flash and EVS

## CONNECTIONS

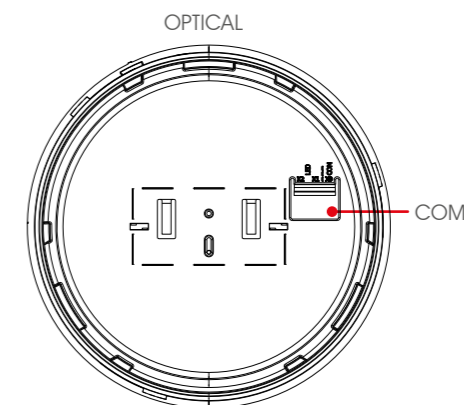**Easy, safe connection
(push-in terminals)**

**Twin**LIGHT
**X1:** Permanent Light      **X2:** Blinking Light

**Twin**FLASH
**X1:** Flash      **X2:** EVS

Rotating Light
**X1:** Rotating      **X2:** –

OPTICAL

COM

**34** part numbers, one size

**30**
**Twin**LIGHT, **Twin**FLASH, Rotating Light

**4**
MOUNTING ADAPTERS

# Evo*SIGNAL* MINI

85 mm / Ø 62 mm
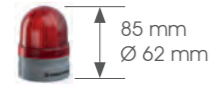
**LIGHT EFFECTS**
Twin*LIGHT**, Twin*FLASH**

**APPLICATION RANGE**
For installation in locations with **limited** space; for indoor and outdoor applications.

**TYPICAL APPLICATIONS**
Building services engineering; for small machines and devices.

## Optical

| 12 V AC/DC | | 24 V AC/DC | | 115/230 V AC | |
|---|---|---|---|---|---|
| Twin*LIGHT* | Twin*FLASH* | Twin*LIGHT* | Twin*FLASH* | Twin*LIGHT* | Twin*FLASH* |
| Order no. | Order no. | Order no. | Order no. | Order no. | Order no. |
| 260 110 74 | 260 120 74 | 260 110 75 | 260 120 75 | 260 110 60 | 260 120 60 |
| 260 210 74 | 260 220 74 | 260 210 75 | 260 220 75 | 260 210 60 | 260 220 60 |
| 260 310 74 | 260 320 74 | 260 310 75 | 260 320 75 | 260 310 60 | 260 320 60 |
| 260 410 74 | 260 420 74 | 260 410 75 | 260 420 75 | 260 410 60 | 260 420 60 |
| 260 510 74 | 260 520 74 | 260 510 75 | 260 520 75 | 260 510 60 | 260 520 60 |

Tri*COLOUR*
260 430 75

+ **M o u n t i n g   a d a p t e r** compulsory!

## Optical-audible

max. 95 dB

| 12 V AC/DC | | 24 V AC/DC | | 115/230 V AC | |
|---|---|---|---|---|---|
| Twin*LIGHT* | Twin*FLASH* | Twin*LIGHT* | Twin*FLASH* | Twin*LIGHT* | Twin*FLASH* |
| Order no. | Order no. | Order no. | Order no. | Order no. | Order no. |
| 460 110 74 | 460 120 74 | 460 110 75 | 460 120 75 | 460 110 60 | 460 120 60 |
| 460 210 74 | 460 220 74 | 460 210 75 | 460 220 75 | 460 210 60 | 460 220 60 |
| 460 310 74 | 460 320 74 | 460 310 75 | 460 320 75 | 460 310 60 | 460 320 60 |
| 460 410 74 | 460 420 74 | 460 410 75 | 460 420 75 | 460 410 60 | 460 420 60 |
| 460 510 74 | 460 520 74 | 460 510 75 | 460 520 75 | 460 510 60 | 460 520 60 |

+ **M o u n t i n g   a d a p t e r** compulsory!

## Audible

max. 95 dB

| 12 V AC/DC | 24 V AC/DC | 115/230 V AC |
|---|---|---|
| Order no. 160 700 74 | Order no. 160 700 75 | Order no. 160 700 60 |

+ **M o u n t i n g   a d a p t e r** compulsory!

## Mounting adapter (always required!)

| Base mounting | Installation mounting M22 | Installation mounting PG 29 | Tube mounting | Bracket mounting with cable gland | Bracket mounting |
|---|---|---|---|---|---|
| Order no. 260 700 01 | Order no. 260 700 03 | Order no. 260 700 04 | Order no. 260 700 05 | Order no. 260 700 06 | Order no. 260 700 07 |

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# Evo*SIGNAL* MIDI

130 mm / Ø 85 mm — 78 mm / Ø 85 mm

**LIGHT EFFECTS**
Twin*LIGHT**, Twin*FLASH**, Rotating Light

**APPLICATION RANGE**
Flexible **medium-range** signalling solutions; for indoor and outdoor applications.

**TYPICAL APPLICATIONS**
Building services engineering, door and gate applications, machinery and plant equipment systems.

## Optical

| 12/24 V AC/DC | | | 115/230 V AC | | |
|---|---|---|---|---|---|
| Twin*LIGHT* | Twin*FLASH* | Rotating | Twin*LIGHT* | Twin*FLASH* | Rotating |
| Order no. | Order no. | Order no. | Order no. | Order no. | Order no. |
| 261 110 70 | 261 120 70 | 261 140 70 | 261 110 60 | 261 120 60 | 261 140 60 |
| 261 210 70 | 261 220 70 | 261 240 70 | 261 210 60 | 261 220 60 | 261 240 60 |
| 261 310 70 | 261 320 70 | 261 340 70 | 261 310 60 | 261 320 60 | 261 340 60 |
| 261 410 70 | 261 420 70 | 261 440 70 | 261 410 60 | 261 420 60 | 261 440 60 |
| 261 510 70 | 261 520 70 | 261 540 70 | 261 510 60 | 261 520 60 | 261 540 60 |

Tri*COLOUR*
261 430 70

Tri*COLOUR*
261 430 60

+ **M o u n t i n g   a d a p t e r** compulsory!

## Optical-audible

max. 110 dB

| 12/24 V AC/DC | | 115/230 V AC | |
|---|---|---|---|
| Twin*LIGHT* | Twin*FLASH* | Twin*LIGHT* | Twin*FLASH* |
| Order no. | Order no. | Order no. | Order no. |
| 461 110 70 | 461 120 70 | 461 110 60 | 461 120 60 |
| 461 210 70 | 461 220 70 | 461 210 60 | 461 220 60 |
| 461 310 70 | 461 320 70 | 461 310 60 | 461 320 60 |
| 461 410 70 | 461 420 70 | 461 410 60 | 461 420 60 |
| 461 510 70 | 461 520 70 | 461 510 60 | 461 520 60 |

+ **M o u n t i n g   a d a p t e r** compulsory!

## Audible

max. 110 dB

| 12/24 V AC/DC | 115/230 V AC |
|---|---|
| Order no. 161 700 70 | Order no. 161 700 60 |

+ **M o u n t i n g   a d a p t e r** compulsory!

## Mounting adapter (always required!)

| Base mounting | Base mounting with Cable gland | Tube mounting | Bracket mounting with cable gland | Bracket mounting | Horn |
|---|---|---|---|---|---|
| Order no. 261 700 01 | Order no. 261 700 02 | Order no. 261 700 05 | Order no. 261 700 06 | Order no. 261 700 07 | Order no. 261 700 03 |

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# Evo*SIGNAL* MAXI

173 mm / Ø 120 mm

**LIGHT EFFECTS**
Twin*LIGHT**, Twin*FLASH**, Rotating Light
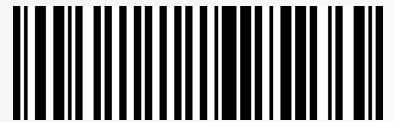
**APPLICATION RANGE**
Flexible **long-range** signalling solutions; for indoor and outdoor applications.

**TYPICAL APPLICATIONS**
Building services engineering, door and gate applications, long-range solutions for machinery and plant equipment systems.

## Optical

| 12/24 V AC/DC | | | 115/230 V AC | | |
|---|---|---|---|---|---|
| Twin*LIGHT* | Twin*FLASH* | Rotating | Twin*LIGHT* | Twin*FLASH* | Rotating |
| Order no. | Order no. | Order no. | Order no. | Order no. | Order no. |
| 262 110 70 | 262 120 70 | 262 140 70 | 262 110 60 | 262 120 60 | 262 140 60 |
| 262 210 70 | 262 220 70 | 262 240 70 | 262 210 60 | 262 220 60 | 262 240 60 |
| 262 310 70 | 262 320 70 | 262 340 70 | 262 310 60 | 262 320 60 | 262 340 60 |
| 262 410 70 | 262 420 70 | 262 440 70 | 262 410 60 | 262 420 60 | 262 440 60 |
| 262 510 70 | 262 520 70 | 262 540 70 | 262 510 60 | 262 520 60 | 262 540 60 |

+ **M o u n t i n g   a d a p t e r** compulsory!

## Mounting adapter (always required!)

| Base mounting | Base mounting for cable exit at side | Bracket mounting with cable gland | Bracket with concealed cable entry |
|---|---|---|---|
| Order no. 262 700 01 | Order no. 262 700 02 | Order no. 262 700 06 | Order no. 262 700 07 |

**AVAILABLE COLOURS**

**LIGHT EFFECTS**

*Twin*LIGHT* and Twin*FLASH* two light effects in one element - also suitable for use as a signal escalation.

Twin*LIGHT*: Permanent Light and Blinking Light
Twin*FLASH*: Flashing Light and EVS Light

The light effects and our configurator can be found at **www.werma.com**.

# Application range
## **Evo**SIGNAL

# Find the right product

## **Evo**SIGNAL **MINI**

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

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

Control cabinets

Devices

## **Evo**SIGNAL **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.

Machines

Plant equipment

## **Evo**SIGNAL **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.

Gates/doors

Buildings

www.werma.com/evosignal

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**WERMA**®