

# Evo*SIGNAL* - Horns & Sirens

## Your benefits

The type of audible signals used depends on the application and the environment. With Evo*SIGNAL*, finding the right signal device has never been so easy: almost all applications are covered by only two sizes with specific mounting adapters. The new modular, simple and clear standard solution. Evo*SIGNAL* is one of a kind.

- Simple and easy to use: Number of different articles reduced to 20% whilst retaining a full range
- Adaptable: Adjustable volume, 10 tones available with Midi range
- Poka Yoke: Simple and intuitive installation - incorrect installation is impossible

## Typical applications

Signal faults and statuses on machines and equipment, in building services engineering and for electric gates and entry access systems. All products are ideal for demanding indoor and outdoor applications.

- Mini – in installation sites with limited space
- Midi – signalling over medium distances (10–30 m)

## Installation options

- Base mounting
- M22/PG 29 single-hole mounting
- Tube mounting
- Bracket mounting

## Features

- Push fit connection terminals: Simple and permanently secure connection
- Fully compatible: Easy replacement of previous products
- Best-in-class equipment: Powerful, extremely robust (IP66), tamper-proof

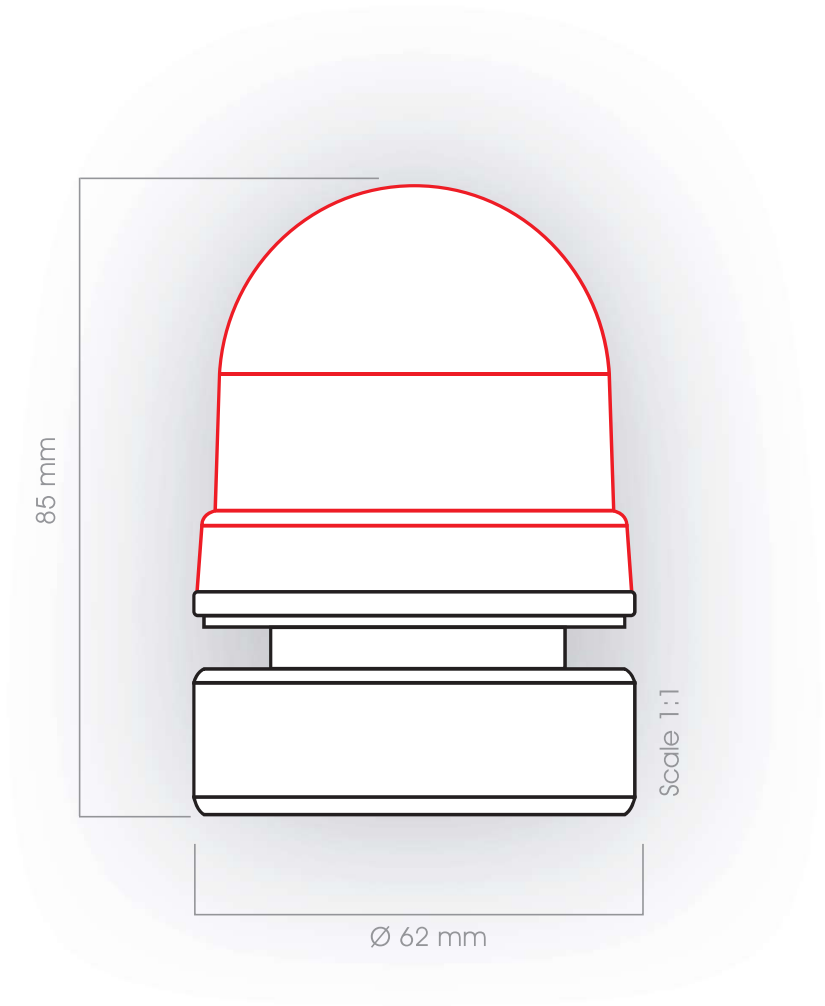


Mini

Midi



Evo*SIGNAL* Mini - Horns & Sirens



3  
Horns & Sirens



6  
Mounting adapter

# Quick-Finder EvoSIGNAL Mini - Horns & Sirens



**12 V AC/DC**

160 700 74

**24 V AC/DC**

160 700 75

**115-230 V AC**

160 700 60

**+ Mounting adapter (compulsory!)**

Base mounting



Order no.  
260 700 01

Installation  
mounting M22



Order no.  
260 700 03

Installation  
mounting PG 29



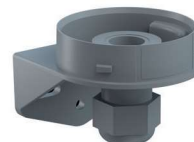
Order no.  
260 700 04

Tube mounting



Order no.  
260 700 05

Bracket mounting  
with cable gland

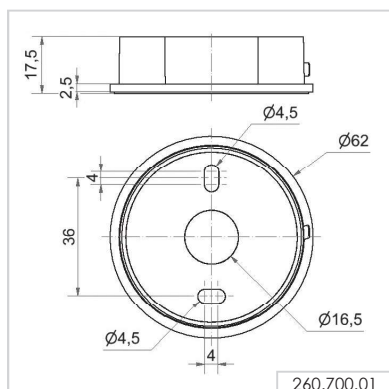


Order no.  
260 700 06

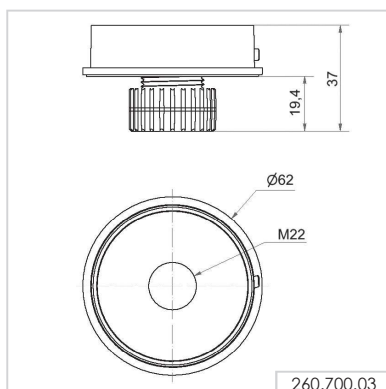
Bracket mounting



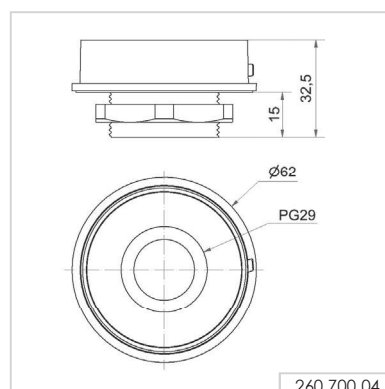
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260 700 07



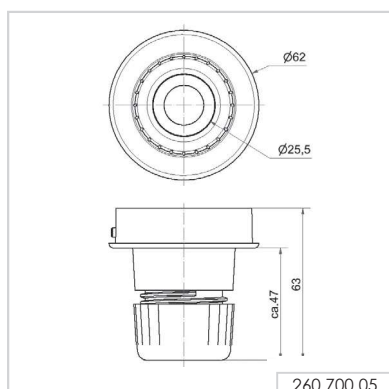
260.700.01



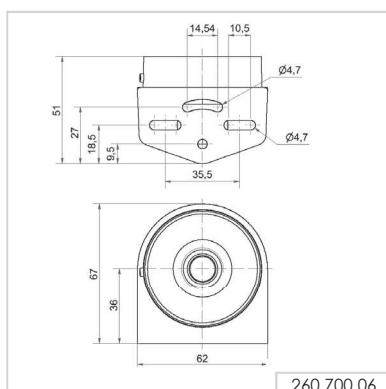
260.700.03



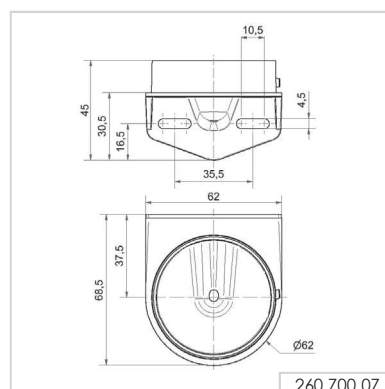
260.700.04



260.700.05



260.700.06



260.700.07



# EvoSIGNAL Mini - Horns & Sirens

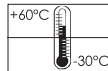
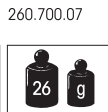
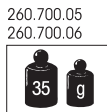
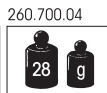
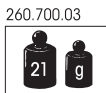
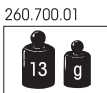
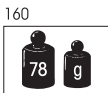
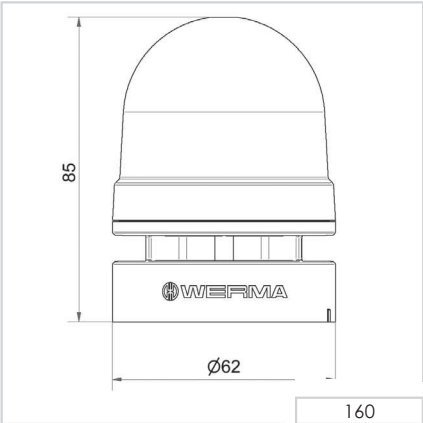


Bracket mounting  
with cable gland

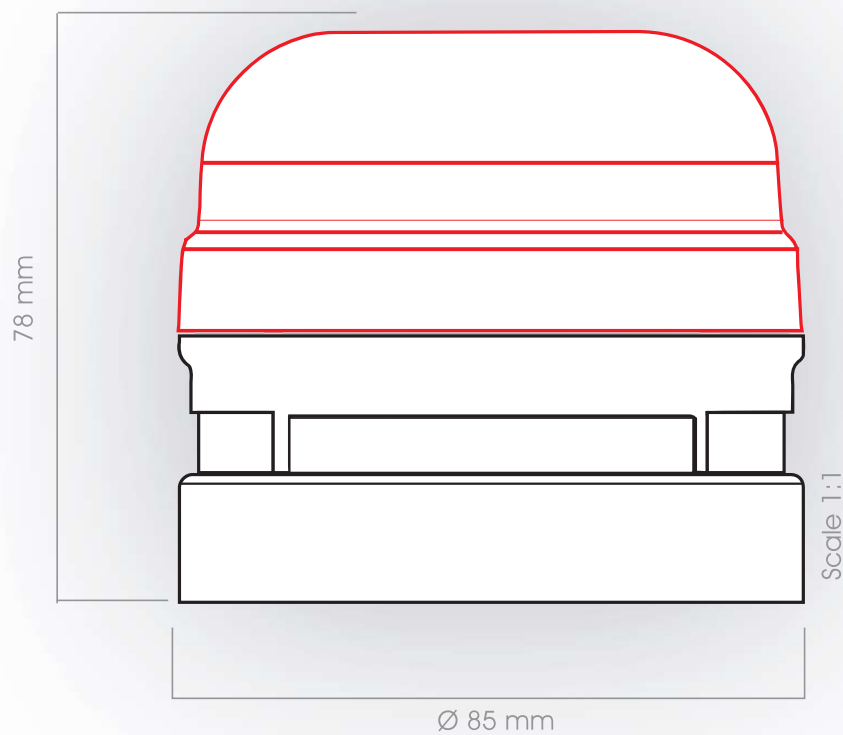
| ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS: |                                          |            |              |
|--------------------------------------------------|------------------------------------------|------------|--------------|
| Dimensions (Ø x Height):                         | 62 mm x 85 mm                            |            |              |
| Housing:                                         | PC/ABS                                   |            |              |
| Lens:                                            | PC, grey                                 |            |              |
| Fixing:                                          | Base/Tube/Wall and Inatallation mounting |            |              |
| Cable entry:                                     | Cable diameter 8-12 mm                   |            |              |
| Connection:                                      | Push-In terminal max. 1.5 mm²            |            |              |
| Tone type:                                       | Pulse or Permanent tone                  |            |              |
| Voltage:                                         | 12 V AC/DC                               | 24 V AC/DC | 115-230 V AC |
| Current consumption:                             | ≤ 30 mA                                  | ≤ 40 mA    | ≤ 30 mA      |
| Order no.                                        | 160 700 74                               | 160 700 75 | 160 700 60   |

| ✂ ACCESSORIES:                    |            |
|-----------------------------------|------------|
| Base mounting                     | 260 700 01 |
| Installation mounting M22         | 260 700 03 |
| Installation mounting PG 29       | 260 700 04 |
| Tube mounting                     | 260 700 05 |
| Bracket mounting with cable gland | 260 700 06 |
| Bracket mounting                  | 260 700 07 |

## ↔ TECHNICAL DIAGRAM:



## EvoSIGNAL Midi - Horns & Sirens



2  
Horns & Sirens



6  
Mounting adapter

## Horns &amp; Sirens



161 700 60

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Base mounting



Tube mounting



Bracket mounting

## EvoSIGNAL Midi - Horns & Sirens

### ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS

Dimensions (Ø x Height): 85 mm x 78 mm

Housing: PC/ABS

Lens: PC, grey

Fixing: Base/Tube/Wall mounting

Cable entry: Cable diameter 8-12 mm

Connection: Push-In terminal max. 1.5 mm<sup>2</sup>

Tone type: Multi-tone

Tone frequency: 3300 Hz

Voltage: 12/24 V AC/DC

115-230 V AC

Current consumption: ≤ 175 mA

≤ 105 mA

Order no.

**161 700 70**

**161 700 60**

### 🎵 TONE TYPES AND FREQUENCIES

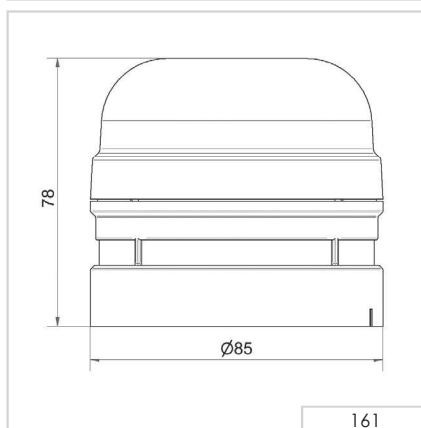
10 selectable tones and adjustable sound output

| Tone | Tone type                                                |
|------|----------------------------------------------------------|
| 0    | Horn tone (ca. 110 Hz), max. 107 dB(A)                   |
| 1    | Continuous tone (ca. 3.3 kHz), max. 106 dB(A)            |
| 2    | Pulse tone 1 Hz (ca. 3.3 kHz), max. 110 dB(A)            |
| 3    | Whistle tone 20 Hz (ca. 3.3 kHz), max. 110 dB(A)         |
| 4    | 800 – 970 Hz rising @ 1 Hz, max. 95 dB(A)                |
| 5    | 2400 – 2850 Hz rising @ 7 Hz, max. 99 dB(A)              |
| 6    | 1200 – 500 Hz falling @ 1 Hz, max. 101 dB(A)             |
| 7    | Alternating tone 800 Hz / 1200 Hz @ 1 Hz, max. 100 dB(A) |
| 8    | Sweep-Tone 2100 – 4100 Hz @ 0.5 Hz, max. 110 dB(A)       |
| 9    | Continuous tone (c. 700 Hz), max. 97 dB(A)               |

### ✂ ACCESSORIES:

|                                   |                   |
|-----------------------------------|-------------------|
| Base mounting                     | <b>261 700 01</b> |
| Base mounting with cable gland    | <b>261 700 02</b> |
| Tube mounting                     | <b>261 700 05</b> |
| Bracket mounting with cable gland | <b>261 700 06</b> |
| Bracket mounting                  | <b>261 700 07</b> |
| Horn                              | <b>261 700 03</b> |

### ↔ TECHNICAL DIAGRAM



161

261.700.01

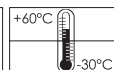
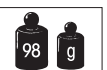
261.700.02

261.700.05

261.700.06

261.700.07

261.700.03



# Horns and Sirens

## Your benefits

The loud Horns, Sounders and Sirens from WERMA provide safety and security by delivering reliable audible warning when faults occur over longer distances or in noisy environments.

- Quick and easy installation
- Tamper-proof when installed
- Ideal for noisy environments

## Typical applications

Fault signalling

- On machine controllers and on large equipment
- In building service systems (e.g. gas alarm)
- Alarm in the event of overload (e.g. mobile cranes)

## Installation options

- Wall mounting

## Features

- 574/575 series with ten times longer life duration compared to electromechanical versions
- Up to 8 tones for signalling different statuses







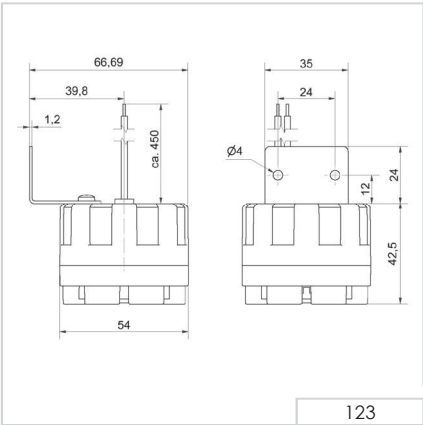
# 123 Electronic Siren



## ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

|                         |                         |                   |
|-------------------------|-------------------------|-------------------|
| Dimensions (L x H x W): | 54 mm x 67 mm x 67 mm   |                   |
| Housing:                | ABS                     |                   |
| Tone frequency:         | 2.5 / 3.5 Hz            |                   |
| Tone type:              | Alternating             |                   |
| Connection:             | 2 wires, c. 450 mm long |                   |
| Fixing:                 | Metal bracket           |                   |
| Voltage:                | 12 V DC                 | 24 V DC           |
| Current consumption:    | 100 mA                  | 100 mA            |
| Order No.:              | <b>123 100 54</b>       | <b>123 200 55</b> |

## ↔ TECHNICAL DIAGRAM:

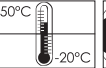
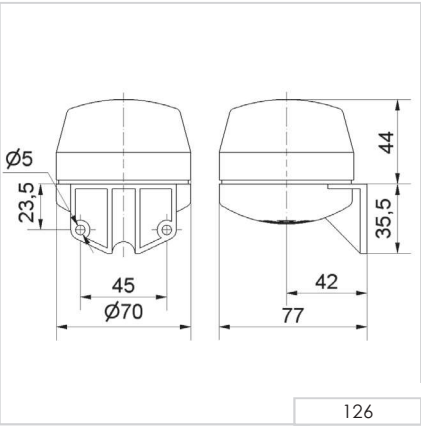


# 126 Electronic Multi-Tone Sounder



| ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS: |                                                                                                                                                                        |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (L x H x W):                          | 70 mm x 79,5 mm x 77 mm                                                                                                                                                |
| Housing:                                         | PC/ABS-Blend                                                                                                                                                           |
| Tone types and frequencies:                      | 4 selectable tones adjustable<br>Continuous tone: c. 2,700 Hz<br>Continuous tone: c. 530 Hz<br>Bell: c. 2,700 Hz (pulse 20 Hz)<br>Pulse tone: c. 2,700 Hz (pulse 1 Hz) |
| Connection:                                      | Screw terminal 0.5 - 1.5 mm <sup>2</sup>                                                                                                                               |
| Cable entry:                                     | Cable diameter max. 9 mm                                                                                                                                               |
| Fixing:                                          | Wall mounting, Sound outlet facing downwards                                                                                                                           |
| Voltage:                                         | 12-24 V DC                                                                                                                                                             |
| Current consumption:                             | 80 mA                                                                                                                                                                  |
| Order No.:                                       | <b>126 052 15</b>                                                                                                                                                      |

## ↔ TECHNICAL DIAGRAM:





## 570 Electromechanical Signal Horn



### ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

|                         |                                              |                       |                     |                   |
|-------------------------|----------------------------------------------|-----------------------|---------------------|-------------------|
| Dimensions (L x H x W): | 148 mm x 350 mm x 152 mm                     |                       |                     |                   |
| Housing:                | PC/ABS-Blend                                 |                       |                     |                   |
| Connection:             | Screw terminal 0.5 - 2.5 mm <sup>2</sup>     |                       |                     |                   |
| Fixing:                 | Wall mounting, Sound outlet facing downwards |                       |                     |                   |
| Voltage:                | 24 V AC (50 Hz)                              | 42-48 V AC (50/60 Hz) | 115 V AC (50/60 Hz) | 230 V AC (50 Hz)  |
| Current consumpt.:      | 500 mA                                       | 250 mA                | 200 mA              | 70 mA             |
| Order No.:              | <b>570 052 65</b>                            | <b>570 052 66</b>     | <b>570 052 67</b>   | <b>570 052 68</b> |

#### Pulse tone (AC)

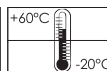
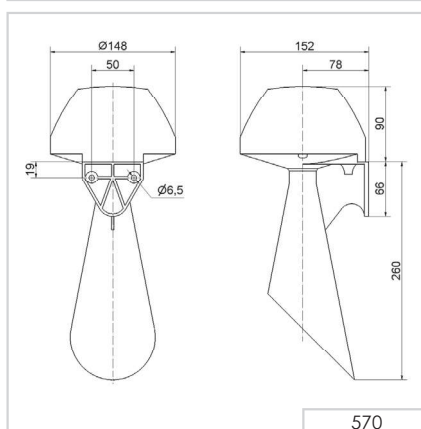
|                    |  |  |  |                   |
|--------------------|--|--|--|-------------------|
| Voltage:           |  |  |  | 230 V AC (50 Hz)  |
| Current consumpt.: |  |  |  | ≤ 70 mA           |
| Order No.:         |  |  |  | <b>570 100 68</b> |

#### Continuous tone (DC)

|                    |                   |  |                   |                   |
|--------------------|-------------------|--|-------------------|-------------------|
| Voltage:           | 24 V DC           |  | 115 V DC          | 230 V DC          |
| Current consumpt.: | 350 mA            |  | 150 mA            | 100 mA            |
| Order No.:         | <b>570 052 55</b> |  | <b>570 052 57</b> | <b>570 052 58</b> |

Further voltages on request.

### ↔ TECHNICAL DIAGRAM:

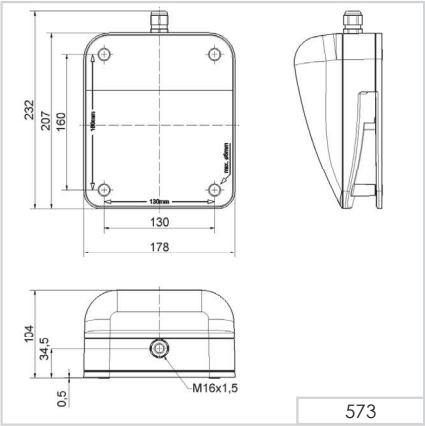


# 573 Electromechanical Signal Horn



| ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS: |                                                    |                    |                          |                        |                     |
|--------------------------------------------------|----------------------------------------------------|--------------------|--------------------------|------------------------|---------------------|
| Dimensions (L x H x W):                          | 104 mm x 232 mm x 232 mm                           |                    |                          |                        |                     |
| Fixing dimensions (W x H):                       | 130 mm x 160 mm                                    |                    |                          |                        |                     |
| Housing:                                         | PC/ABS-Blend                                       |                    |                          |                        |                     |
| Connection:                                      | Screw terminal 0.5 - 2.5 mm <sup>2</sup>           |                    |                          |                        |                     |
| Cable entry:                                     | Cable gland M16 x 1.5 mm<br>Cable diameter 5-10 mm |                    |                          |                        |                     |
| Fixing:                                          | Wall mounting, Sound outlet facing downwards       |                    |                          |                        |                     |
| Voltage:                                         | 24 V DC                                            | 24 V AC<br>(50 Hz) | 42-48 V AC<br>(50/60 Hz) | 115 V AC<br>(50/60 Hz) | 230 V AC<br>(50 Hz) |
| Current consumption:                             | 350 mA                                             | 500 mA             | 250 mA                   | 200 mA                 | 70 mA               |
| Order No.:                                       | 573 000 55                                         | 573 000 65         | 573 000 66               | 573 000 67             | 573 000 68          |

## ↔ TECHNICAL DIAGRAM:





# 574 Electronic Signal Horn

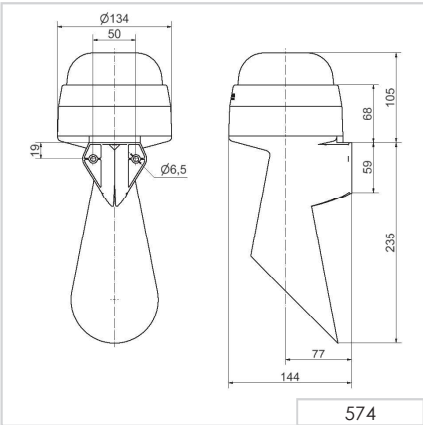


## ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

|                          |                                            |                   |                   |
|--------------------------|--------------------------------------------|-------------------|-------------------|
| Dimensions (Ø x Height): | 134 mm x 340 mm                            |                   |                   |
| Housing:                 | PC/ABS-Blend, grey                         |                   |                   |
| Fixing:                  | Wall mounting, integrated mounting bracket |                   |                   |
| Installation position:   | Sound outlet facing downwards              |                   |                   |
| Connection:              | Screw terminal 0.5 - 1.5 mm <sup>2</sup>   |                   |                   |
| Cable entry:             | Cable diameter max. 11 mm                  |                   |                   |
| Tone frequency:          | C. 110 Hz                                  |                   |                   |
| Life duration:           | Up to 5,000 hrs                            |                   |                   |
| Voltage:                 | 24 V AC/DC                                 | 12-48 V AC/DC*    | 115-230 V AC      |
| Current consumption:     | 55 mA                                      | 210 mA            | 30 mA             |
| Order No.:               | <b>574 000 75</b>                          | <b>574 000 70</b> | <b>574 000 60</b> |

\* Current consumption at 10 V / 115 V

## ↔ TECHNICAL DIAGRAM:



# 575 Electronic Signal Horn



Quick and simple wall mounting without additional accessories with the integrated mounting bracket



| ① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS: |                                            |                |              |
|--------------------------------------------------|--------------------------------------------|----------------|--------------|
| Dimensions (L x H x W):                          | 134 mm x 169 mm x 144 mm                   |                |              |
| Housing:                                         | PC/ABS-Blend, grey                         |                |              |
| Fixing:                                          | Wall mounting, integrated mounting bracket |                |              |
| Installation position:                           | Sound outlet facing downwards              |                |              |
| Connection:                                      | Screw terminal 0.5 - 1.5 mm <sup>2</sup>   |                |              |
| Cable entry:                                     | Cable diameter max. 11 mm                  |                |              |
| Tone frequency:                                  | C, 110 Hz                                  |                |              |
| Life duration:                                   | Up to 5,000 hrs                            |                |              |
| Voltage:                                         | 24 V AC/DC                                 | 10-48 V AC/DC* | 115-230 V AC |
| Current consumption:                             | 55 mA                                      | 210 mA         | 30 mA        |
| Order No.:                                       | 575 000 75                                 | 575 000 70     | 575 000 60   |

\* Current consumption at 10 V / 115 V

## ↔ TECHNICAL DIAGRAM:

