

## Technical data sheet

### Signaling column

Part no.: 50144676

A7-V1-MP2-BZ2-S-DS-ROG-T-100

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Figure can vary



## Technical data

### Basic data

Series	A7
Type of signaling	Optical and acoustic

### Electrical data

Life expectancy	> 100,000 h
<b>Performance data</b>	
Supply voltage $U_B$	24 V, DC, 10 %
Current consumption, max.	160 mA

### Connection

Number of connections	1 Piece(s)
Notes	Protected against accidental interchanges: Actuation of the colors is performed via PINs, thus, the calotte position can be freely selected (see operating instructions). The individual colors are actuated via VCC (PNP)

#### Connection 1

Function	Voltage supply
Type of connection	Cable
Cable length	1,500 mm
Number of conductors	6 -wire

#### Connection 2

Type of connection	Open end
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### Mechanical data

Design	Cylindrical
Dimension ( $\varnothing$ x L)	70 mm x 430 mm
Housing material	Metal Plastic
Metal housing	Aluminum
Plastic housing	PC-ABS
Net weight	680 g
Housing color	Black Gray
Design of mounting device	Base mounting
Type of fastening, at system	Screw type / horizontal Screw type / vertical
Type of mounting device	180°, adjustable in intervals of 15°
Type of illuminant	LED/24V
Lens modules	4 pieces, ready-made
Signal image	Continuous light
Angle of radiation	360°
Sequence of the modules (ascending)	Green, orange, red, single sound buzzer

### Certifications

Degree of protection	IP 66, Only when mounted on a housing with the same degree of protection
Certifications	CE CSA

### Acoustic data

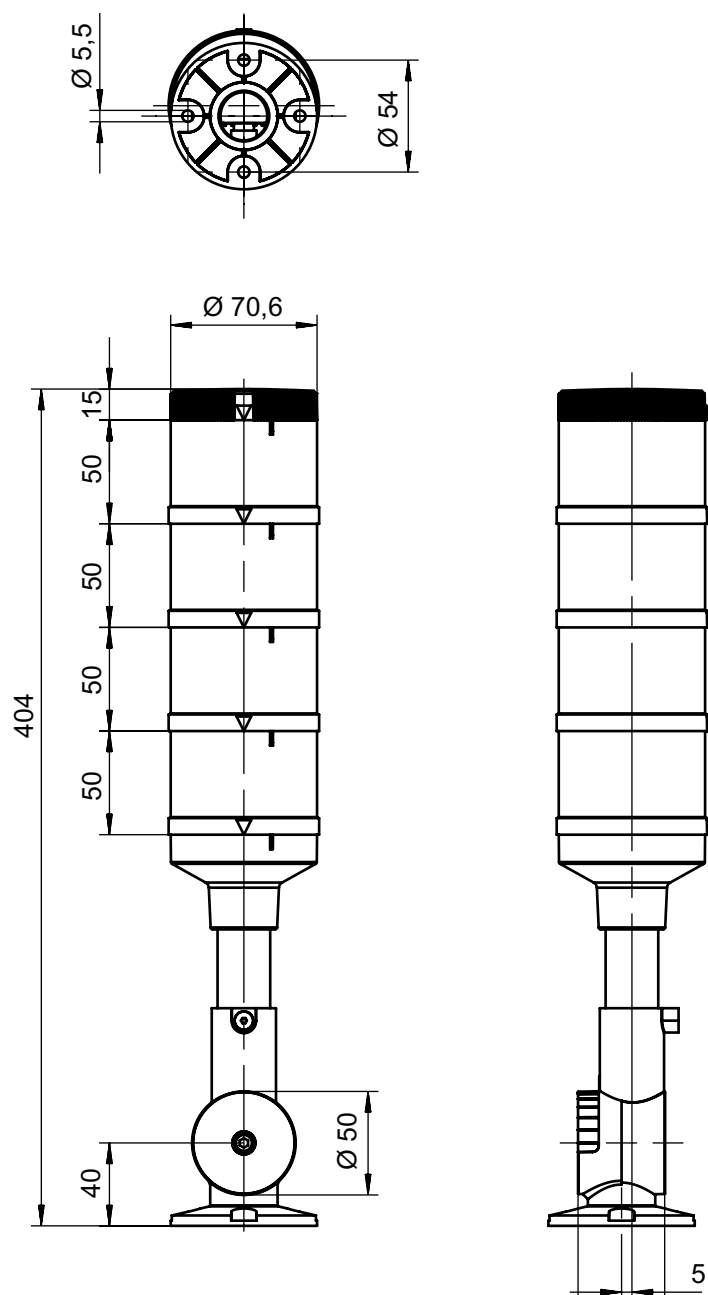
Tone type	Continuous tone
Sound pressure	105 dB
Number of tones	1 Piece(s)

### Classification

Customs tariff number	85318070
eCl@ss 5.1.4	27371230
eCl@ss 8.0	27371230
eCl@ss 9.0	27371220
eCl@ss 10.0	27371230
eCl@ss 11.0	27371230
ETIM 5.0	EC001042
ETIM 6.0	EC001042
ETIM 7.0	EC001042

# Dimensioned drawings

All dimensions in millimeters



## Electrical connection

### Connection 1

Function	Voltage supply
Type of connection	Cable
Type of terminal	Tension spring technology
Cable length	1,500 mm
Sheathing material	PVC
Cable color	Gray
Number of conductors	6 -wire
Wire cross section	0.34 mm <sup>2</sup>

## Electrical connection

Conductor color	Conductor assignment
Black	GND
Red	VCC / Light color: red
Green	VCC / Light color: green
Orange	VCC / Light color: yellow/orange
White	VCC / Light color: white / buzzer
Blue	VCC / Light color: blue

Connection 2	
Type of connection	Open end

## Notes

**Observe intended use!**

	<ul style="list-style-type: none"> <li>⚠ This product is not a safety sensor and is not intended as personnel protection.</li> <li>⚠ The product may only be put into operation by competent persons.</li> <li>⚠ Only use the product in accordance with its intended use.</li> </ul>
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## Accessories

### Mounting technology - Mounting brackets

	Part no.	Designation	Article	Description
	50142896	A7-MW2	Signaling column element	Design: L shape Version: Angle, L-shape Fastening, at system: Through-hole mounting
	50143660	A7-MW2.5	Signaling column element	Design: L shape Version: Angle, L-shape Fastening, at system: Through-hole mounting

**Note**

	<p>ℹ A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.</p>
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