

Technical data sheet

Signaling column

Part no.: 50138251

A7-V1-MP1-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
Performance data	
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 347 mm
Housing material	Metal Plastic
Metal housing	Aluminum
Plastic housing	PC-ABS
Net weight	611 g
Housing color	Black Gray
Type of fastening, at system	Screw type / horizontal
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

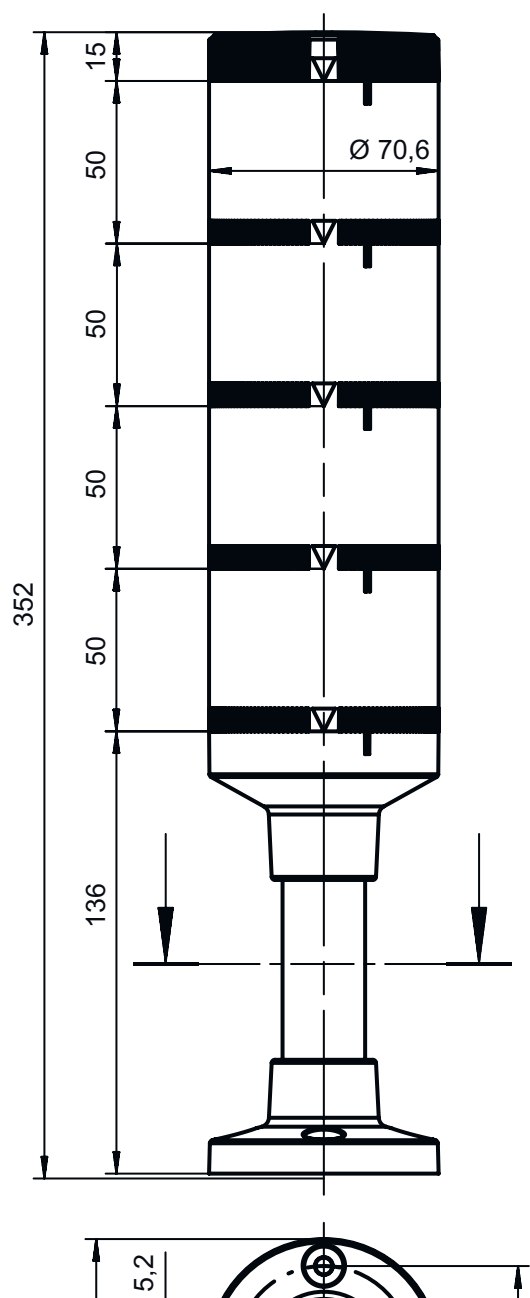
Tone type	Continuous tone
Sound pressure	105 dB
Number of tones	1 Piece(s)

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 ²

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"> This product is not a safety sensor and is not intended as personnel protection. The product may only be put into operation by competent persons. Only use the product in accordance with its intended use.
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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

Note

	<p> 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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