Technical data sheet
Signaling column element
Part no.: 50143950
A7-MP1-100-M12

Figure can vary

Contents

Technical data

Basic data

Series	A7

Connection

Number of connections	1 Piece(s)

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	8 -pin
Encoding	A-coded

Mechanical data

Design	Cylindrical
Dimension (Ø x L)	70 mm x 146 mm
Housing material	Plastic
Net weight	138 g
Housing color	Black
Design of mounting device	Horizontal mounting
Type of fastening, at system	Screw type / horizontal
Module holder	One side
Number of end caps	1 Piece(s)

Environmental data

Ambient temperature, operation	-10 ... 60 °C

Certifications

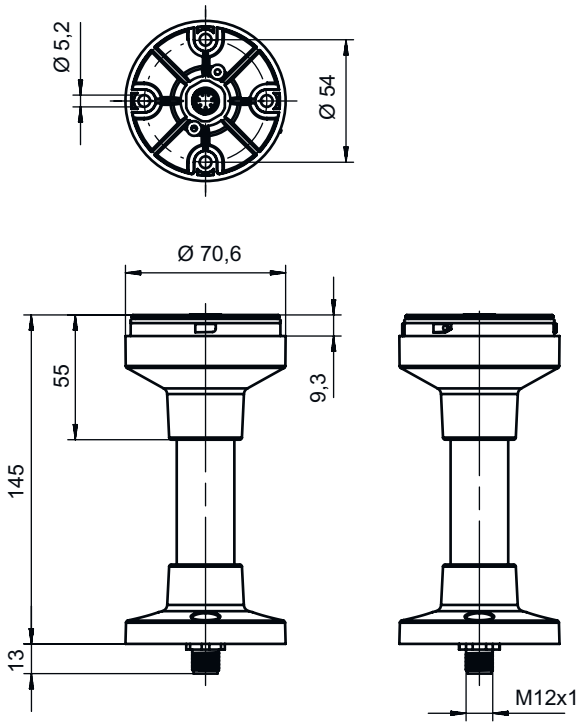
Degree of protection	IP 66, Only when mounted on a housing with the same degree of protection
Certifications	CE
	CSA

Classification

Customs tariff number	85318070
eCl@ss 8.0	27371220
eCl@ss 9.0	27371220
eCl@ss 10.0	27371220
eCl@ss 11.0	27371220
ETIM 5.0	EC000232
ETIM 6.0	EC000232

Dimensioned drawings

All dimensions in millimeters

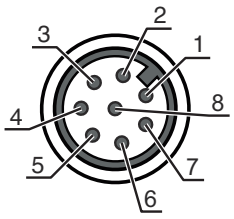


Electrical connection

Connection 1

Function	Voltage supply
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	8 -pin
Encoding	A-coded

Pin	Pin assignment	Conductor color
1	Light color: white	White
2	n.c.	Brown
3	Light color: green	Green
4	Light color: yellow/orange	Yellow
5	GND	Gray
6	n.c.	Pink
7	Light color: blue	Blue
8	Light color: red	Red



Notes

Observe intended use!

- 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.

Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50135127	KD S-M12-8A-P1-020	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 8 -pin Connection 2: Open end Shielded: Yes Cable length: 2,000 mm Sheathing material: PUR
	50135128	KD S-M12-8A-P1-050	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 8 -pin Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR
	50135133	KD S-M12-8W-P1-050	Connection cable	Connection 1: Connector, M12, Angled, Female, A-coded, 8 -pin Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR

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

General

	Part no.	Designation	Article	Description
	50135462	A7-V1-BZ1-M	Signaling column element	Signaling: Acoustic Current consumption, max.: 70 mA Design: Cylindrical Diameter: 70 mm Fastening: Bayonet system Operational controls: DIP switch, 225° potentiometer Ambient temperature: -10 ... 60 °C Degree of protection: IP 66 Tone type: Continuous or pulse tone Sound pressure: 100 dB Number of tones: 8 Piece(s)
	50138151	A7-V1-BZ2-S	Signaling column element	Signaling: Acoustic Current consumption, max.: 20 mA Design: Cylindrical Diameter: 70 mm Fastening: Bayonet system Operational controls: 225° potentiometer Ambient temperature: -10 ... 60 °C Degree of protection: IP 66 Tone type: Continuous tone Sound pressure: 105 dB Number of tones: 1 Piece(s)
	50135457	A7-V1-DS-R-T	Signaling column element	Signaling: Optical Current consumption, max.: 50 mA Design: Cylindrical Diameter: 70 mm Fastening: Bayonet system Illuminant: LED/24V Signal image: Continuous light Lens color: Red Angle of radiation: 360° Ambient temperature: -10 ... 60 °C Degree of protection: IP 66

Note	
	A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.