



Part no.: 50142456
A7-MH1-M12
Signaling column element



Figure can vary

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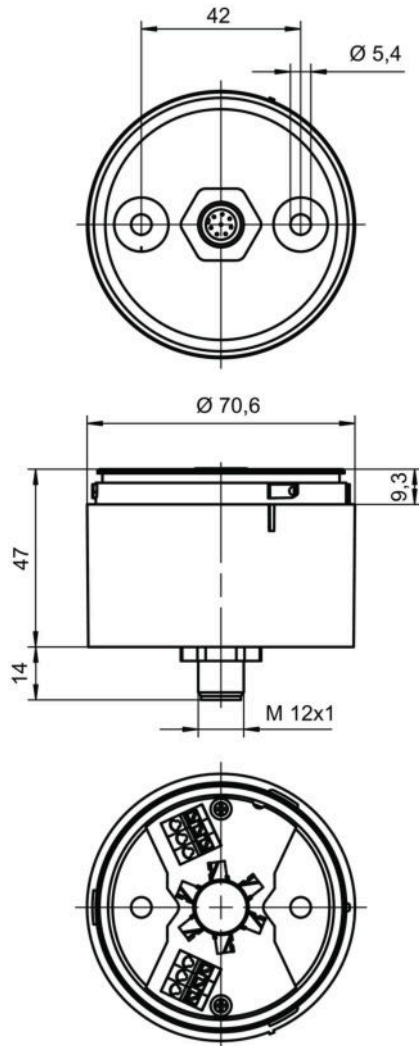
Part no.: 50142456 – A7-MH1-M12 – Signaling column element

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 61 mm |
| Housing material | Plastic |
| Net weight | 98 g |
| Housing color | Black |
| Design of mounting device | Horizontal mounting |
| Type of fastening, at system | Screw type / horizontal |
| Module holder | One side |
| 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 | CSA |
| Classification | |
| Customs tariff number | 85318070 |
| eCl@ss 8.0 | 27371234 |
| eCl@ss 9.0 | 27371234 |
| ETIM 5.0 | EC001259 |
| ETIM 6.0 | EC001259 |

Dimensioned drawings

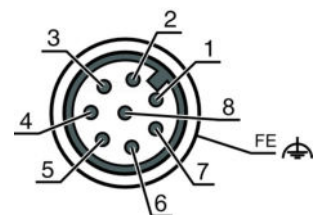
All dimensions in millimeters



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 |



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| Pin | Pin assignment | Conductor color |
|-----|------------------|-----------------|
| 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 |

Mounting technology - Mounting brackets

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

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General

| | Part no. | Designation | Article | Description |
|---|----------|--------------|--------------------------|--|
|  | 50135462 | A7-V1-BZ1-M | Signaling column element | <p>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)</p> |
|  | 50138151 | A7-V1-BZ2-S | Signaling column element | <p>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)</p> |
|  | 50135457 | A7-V1-DS-R-T | Signaling column element | <p>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</p> |

Note

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