

## Data interface - SI-RND-R1A - 1425186

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Service socket with RJ45 (socket/socket), 8-pos. metal, CAT6A connection, with protective cover



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 055626 386706 |
| GTIN         | 4055626386706                                                                                           |

### Technical data

#### Mechanical characteristics

|                             |        |
|-----------------------------|--------|
| Number of positions         | 8      |
| Connection profile          | RJ45   |
| Insertion/withdrawal cycles | ≥ 750  |
| Type of contact             | Socket |

#### Ambient conditions

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Ambient temperature (operation) | -40 °C ... 70 °C                    |
| Degree of protection            | IP65 (with closed protective cover) |

#### Material data

|                                        |              |
|----------------------------------------|--------------|
| Flammability rating according to UL 94 | V0           |
| Housing material                       | PA           |
| Contact material                       | Copper alloy |
| Contact surface material               | gold-plated  |
| Height                                 | 42.7 mm      |

#### Electrical characteristics

|                             |                   |
|-----------------------------|-------------------|
| Number of positions         | 8                 |
| GRP transmission properties | CAT6 <sub>A</sub> |

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### Technical data

#### Electrical characteristics

|                    |                                        |
|--------------------|----------------------------------------|
| Transmission speed | 10 Gbps (RJ45 (socket/socket), 8-pos.) |
|--------------------|----------------------------------------|

#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

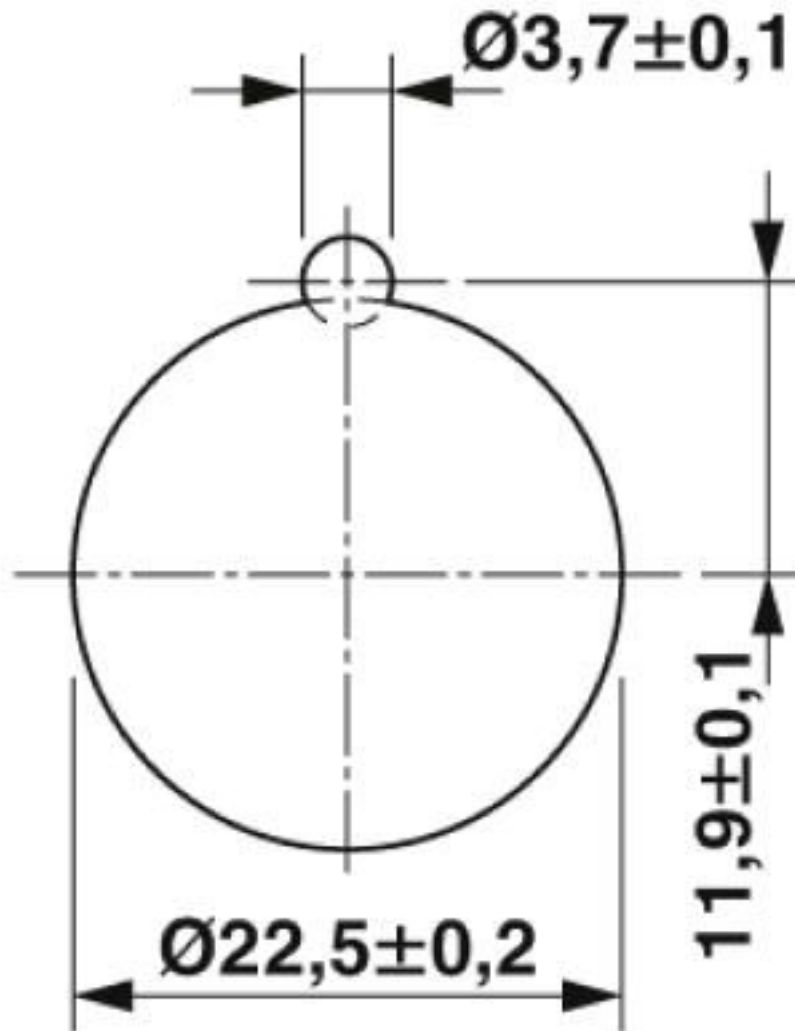
#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

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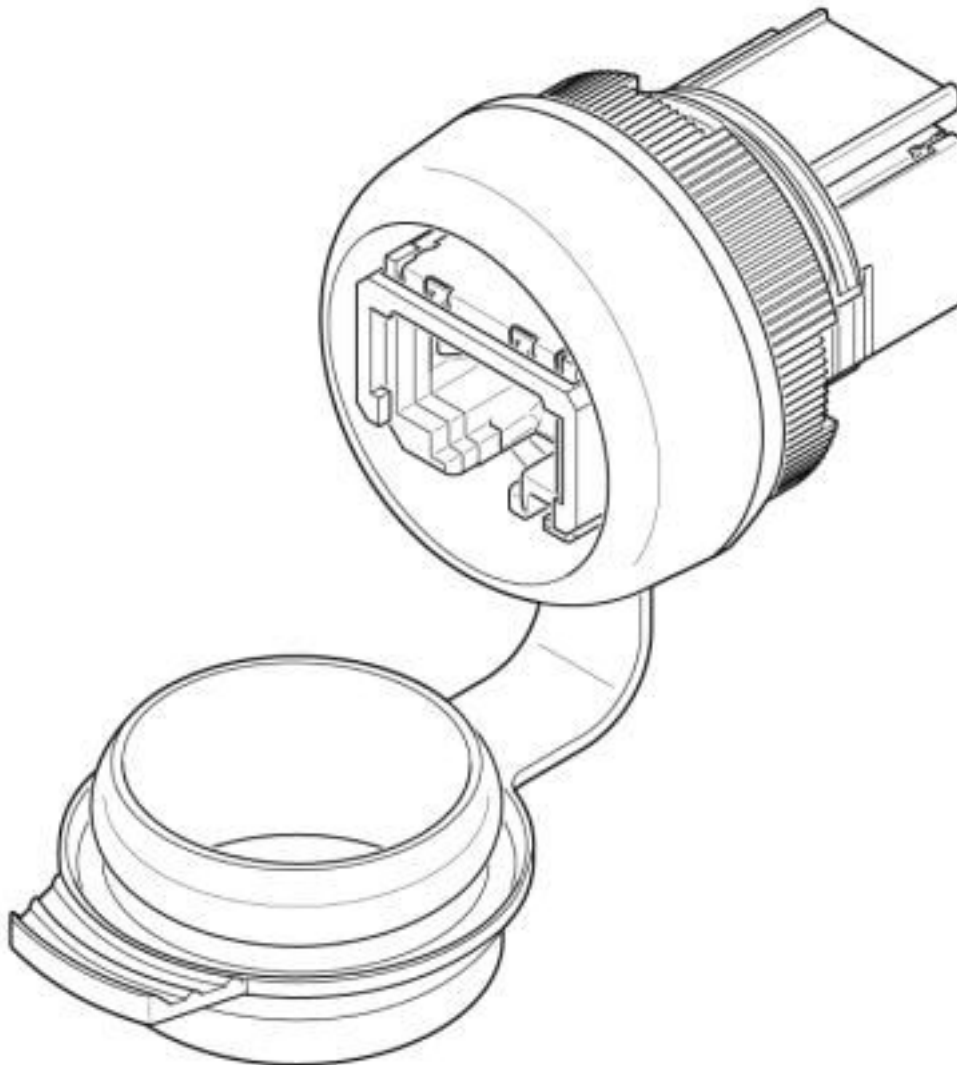
Dimensional drawing



Mounting cutout

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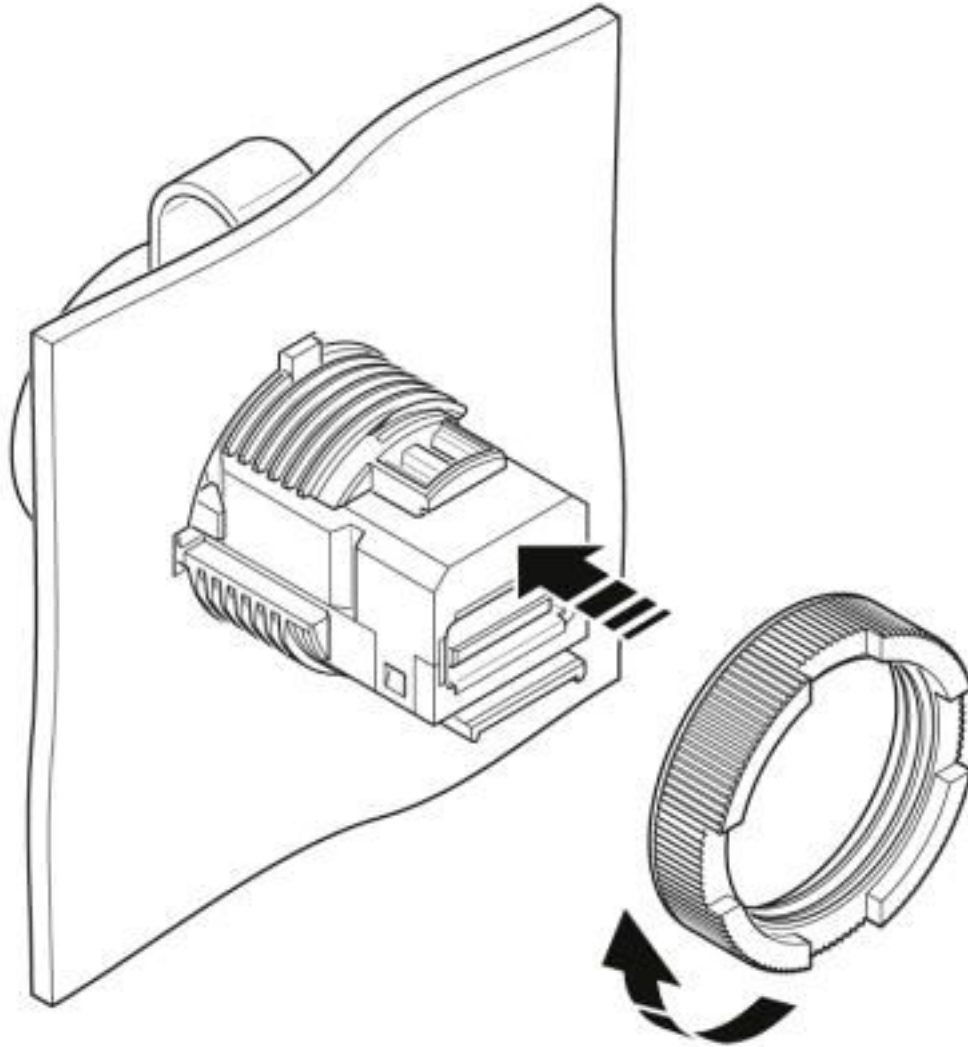
Schematic diagram



Schematic drawing 1

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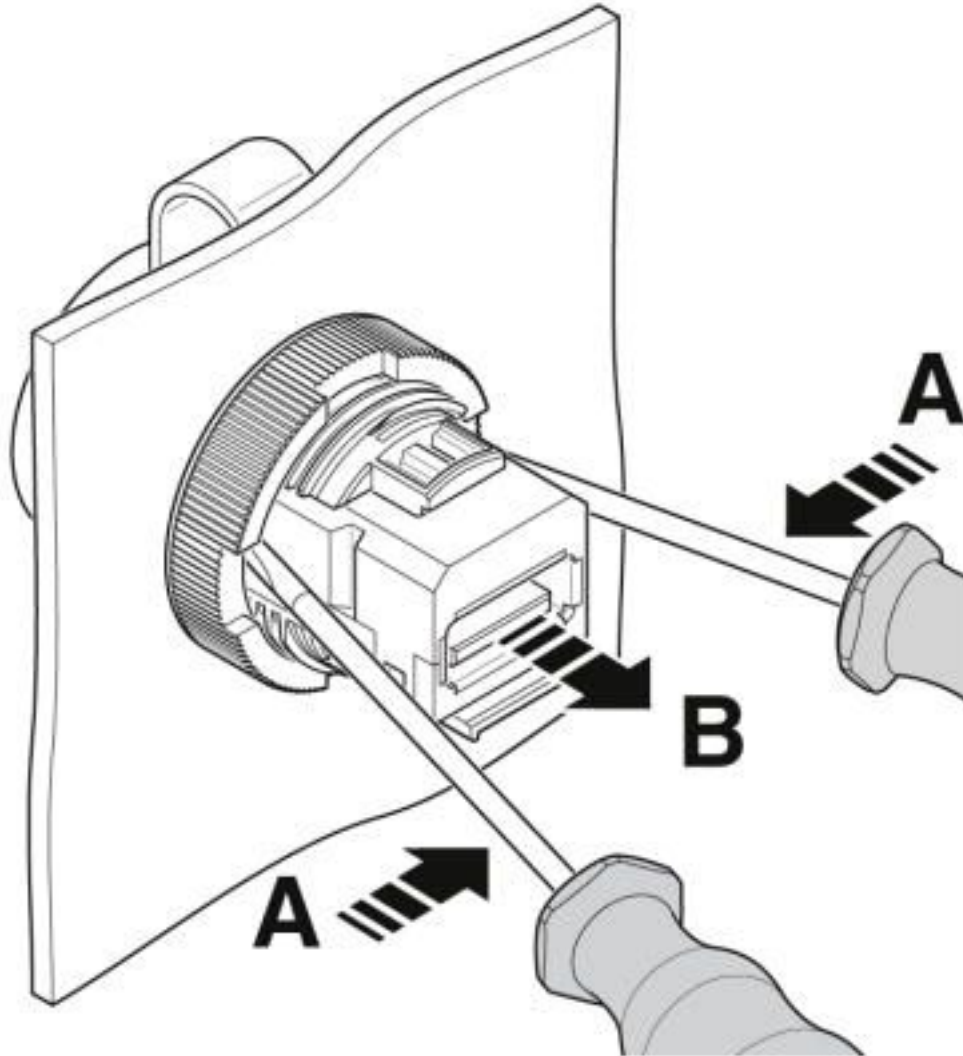
Schematic diagram



Schematic drawing 2

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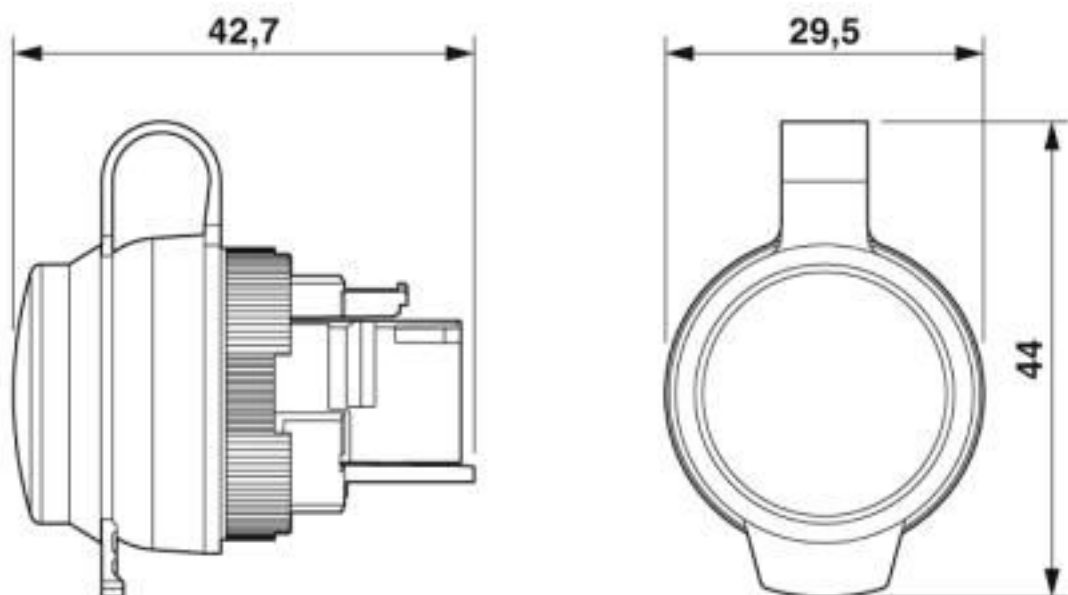
Schematic diagram



Schematic drawing 3

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Dimensional drawing



Dimensional drawing

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27182806 |
| eCl@ss 11.0   | 27182806 |
| eCl@ss 5.0    | 27189200 |
| eCl@ss 5.1    | 27189200 |
| eCl@ss 6.0    | 27189200 |
| eCl@ss 7.0    | 27189217 |
| eCl@ss 9.0    | 27189217 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC000456 |
| ETIM 7.0 | EC000456 |

### Approvals

#### Approvals

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UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

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### Approvals

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#### Approval details

UL Listed



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 335024

cUL Listed



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 335024

cULus Listed



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