

# SI-RND-R1A - Data interface

1425186

<https://www.phoenixcontact.com/us/products/1425186>

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



## Commercial data

Item number	1425186
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF69
Product key	AF7EGX
GTIN	4055626386706
Weight per piece (including packing)	31.3 g
Weight per piece (excluding packing)	29.9 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

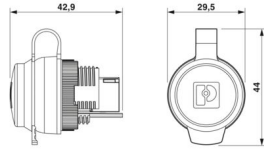
### Product properties

Product type	Data front plate
Number of positions	8
Connection profile	RJ45

### Electrical properties

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

Dimensional drawing	
Width	29.5 mm
Height	42.7 mm
Panel thickness	1 mm ... 3 mm

### Material specifications

Material Housing	PA
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	gold-plated

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 750
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### Environmental and real-life conditions

#### Ambient conditions

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

### Mounting

Assembly note	Panel thickness: 1 mm ... 3 mm
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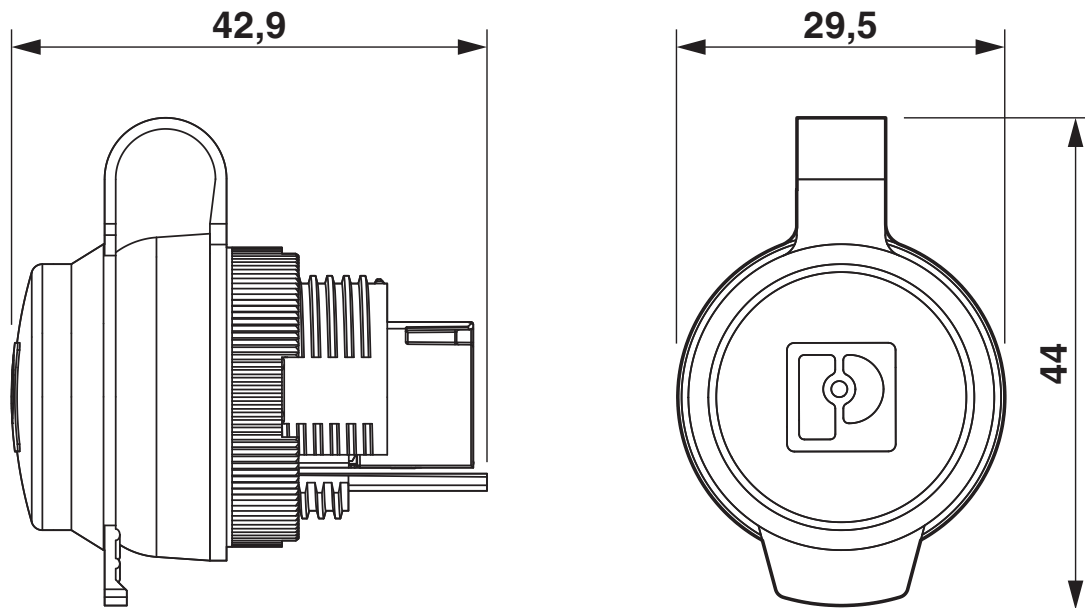
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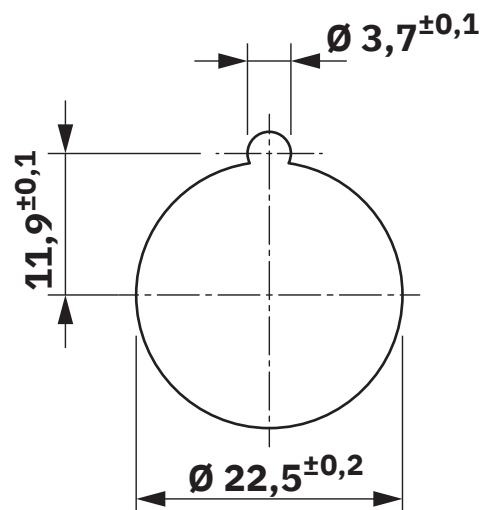
## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



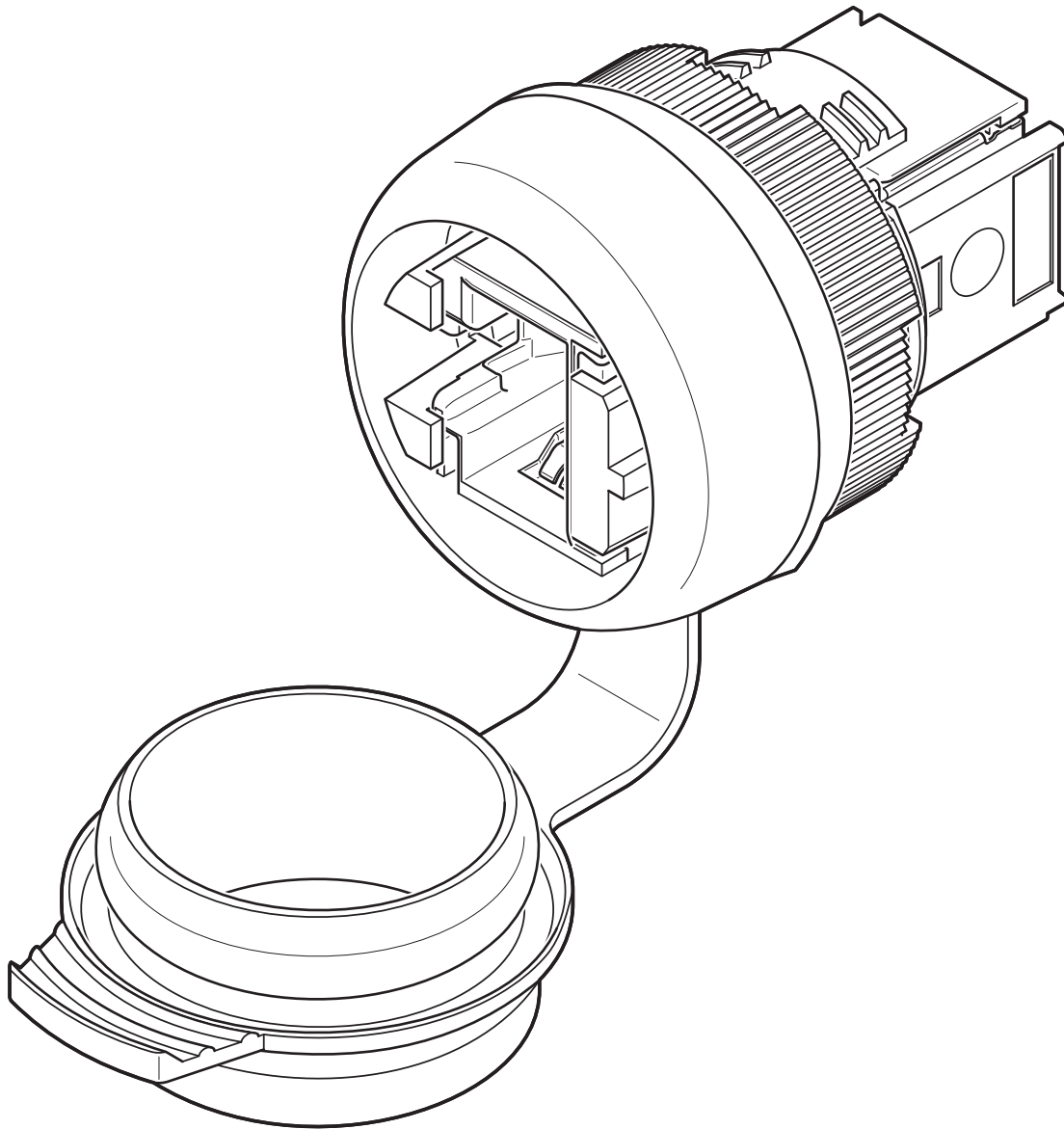
Mounting cutout

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Schematic diagram



Schematic drawing 1

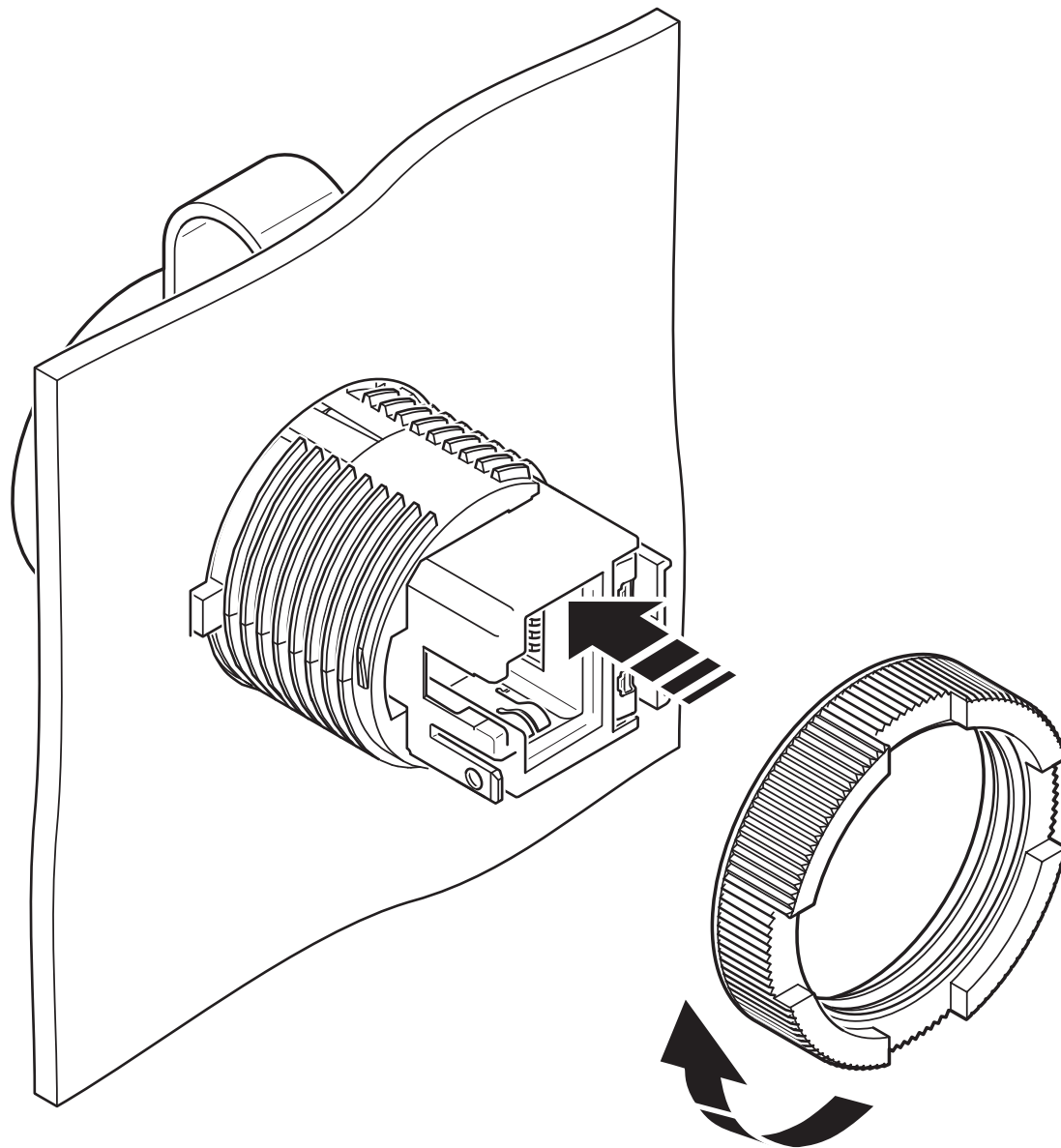
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Schematic diagram



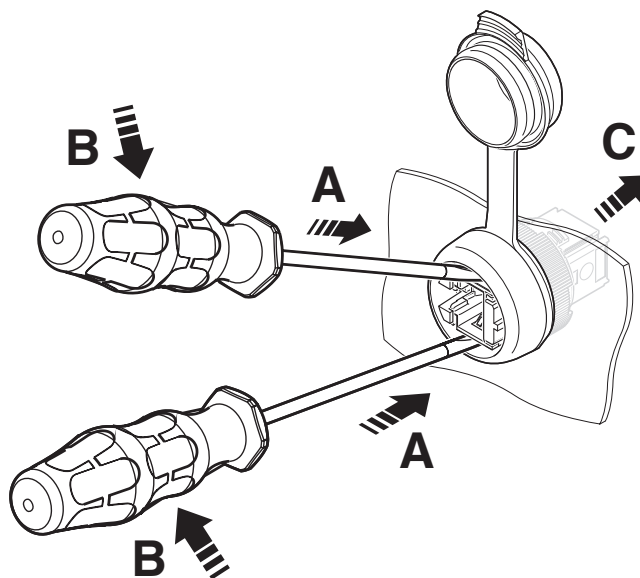
Schematic drawing 2

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Schematic diagram



Schematic drawing 3

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## Approvals

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**UL Listed**

Approval ID: FILE E 335024



**cUL Listed**

Approval ID: FILE E 335024

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## Classifications

### ECLASS

ECLASS-13.0	27440209
ECLASS-15.0	27440109

### ETIM

ETIM 10.0	EC002641
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	599206db-4889-47e3-bfb1-2dd86b2d86b0

### EF3.1 Climate Change

CO2e kg	2.539 kg CO2e
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