

# RF-17S2N8AAF00 - Device connector front mounting



1607898

<https://www.phoenixcontact.com/us/products/1607898>

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The figure shows the 12-pos. product version with standard contact chamber numbering

Device connector front mounting, application: Signal, angled fixed, Screw locking mechanism, M23, number of positions: 17, contact connection type: Socket, Axial O-ring, shielded: yes, flange dimensions: 26 mm x 26 mm, number of positions: 17, connection method: Crimp connection, series: RF, This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

## Commercial data

Item number	1607898
Packing unit	16 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGM
GTIN	4046356269407
Weight per piece (including packing)	132.63 g
Weight per piece (excluding packing)	117.345 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Order information:	Order crimp contacts Ø 1 mm separately
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### Mounting

Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
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### Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Signal
Number of positions	17
Connection profile	17
Shielded	yes
Coding	N
Thread type	M23

### Dimensions

#### Housing

Flange dimensions	26 mm x 26 mm
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### Material specifications

Material Housing	GD-Zn
Material Rotating parts	CuZn
Material Insulating body	PA 6.6
Material Seal	FPM (O-ring)

### Electrical properties

#### Contact

Contact diameter	1 mm
Nominal current $I_N$	8 A
Nominal voltage $U_N$	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

### Connection data

#### Conductor connection

Connection method	Crimp connection
Contact connection type	Socket

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## Connector

Type	angled fixed
Direction of rotation	Counter direction

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

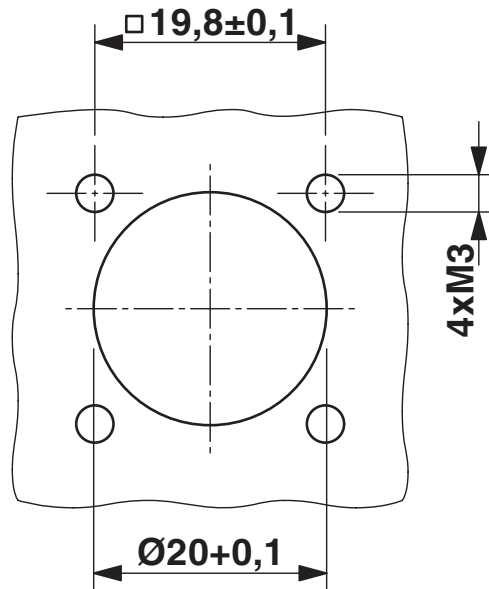
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1607898

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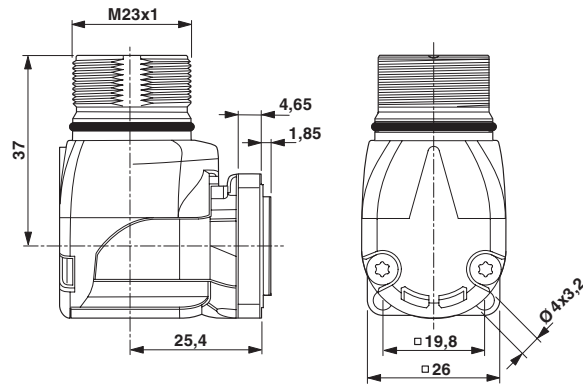
## Drawings

Dimensional drawing



## Installation dimensions

Dimensional drawing

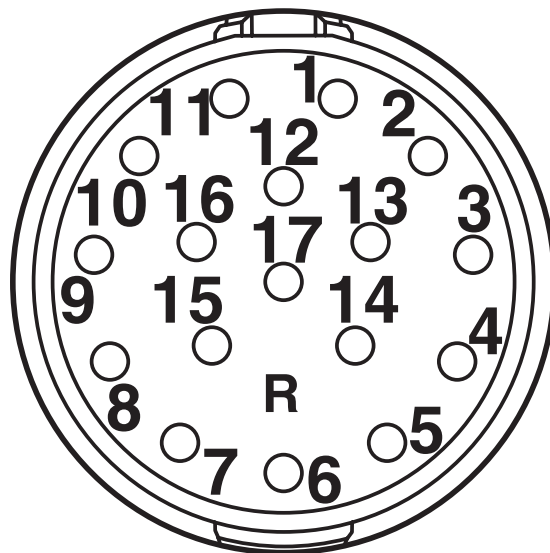


## Dimensional drawing

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Schematic diagram



Connector pin assignment

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1607898

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1607898>

 <b>cUL Recognized</b> Approval ID: E153698-20090723				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	48 V	1 A	26	-

 <b>UL Recognized</b> Approval ID: E153698-20090723				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	48 V	1 A	26	-

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## Classifications

### ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

### ETIM

ETIM 10.0	EC003569
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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