

1607337

<https://www.phoenixcontact.com/us/products/1607337>

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Device connector front mounting, angled rotatable, Screw locking mechanism, M23, number of positions: 17, contact connection type: Pin, Axial O-ring, shielded: yes, flange dimensions: 26 mm x 26 mm, number of positions: 17, connection method: Crimp connection, series: RF

Commercial data

Item number	1607337
Packing unit	16 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGM
GTIN	4046356175043
Weight per piece (including packing)	132.25 g
Weight per piece (excluding packing)	116.775 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

### Mounting

Mounting type

Front mounting/square flange (4x Ø 3.2 mm)

### Product properties

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

### Dimensions

#### Housing

Flange dimensions

26 mm x 26 mm

### 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

# RF-17P2N8AAD00 - Device connector front mounting



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Contact connection type	Pin
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## Connector

Type	angled rotatable
Direction of rotation	Counter direction

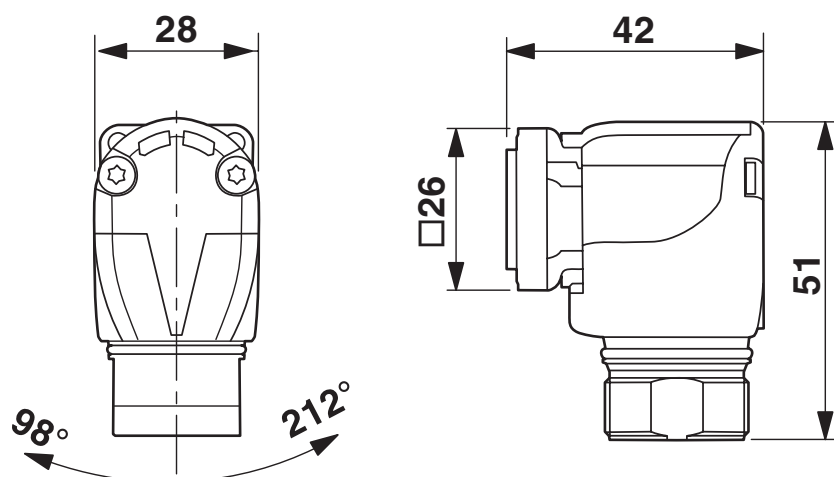
## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 125 °C
Altitude	2000 m

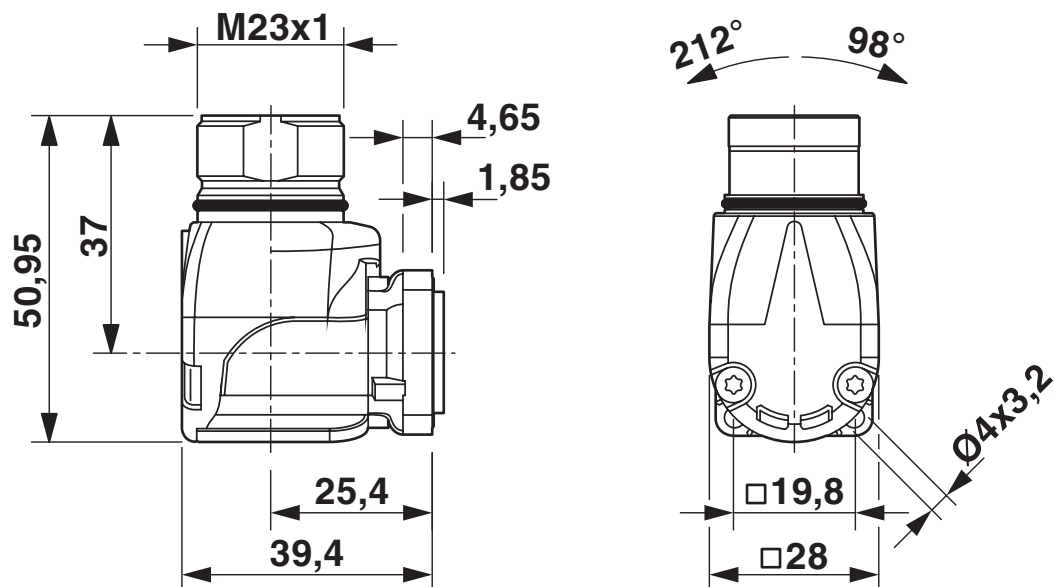
## Drawings

Dimensional drawing



RF-...P...N8AAD00

Dimensional drawing

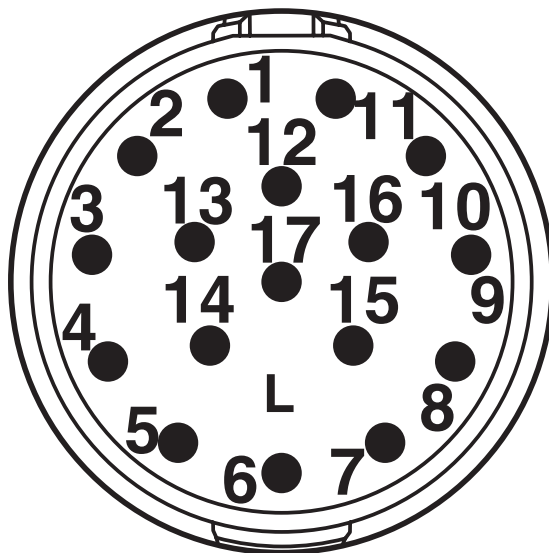


Dimensional drawing

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Schematic diagram



Connector pin assignment

# RF-17P2N8AAD00 - Device connector front mounting





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## Approvals

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 <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				
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keine				
	48 V	1 A	26	-

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## Classifications

### ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

### ETIM

ETIM 9.0	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
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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