

# RF-17S1N8AWV00 - Device connector front mounting



1613740

<https://www.phoenixcontact.com/us/products/1613740>

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Device connector front mounting, straight, Screw locking mechanism, M23, number of positions: 17, contact connection type: Socket, Axial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 17, connection method: Crimp connection, series: RF

## Commercial data

Item number	1613740
Packing unit	20 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGL
GTIN	4046356443913
Weight per piece (including packing)	41.995 g
Weight per piece (excluding packing)	38.21 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

Mounting

4x Ø 3.2

### 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

### Material specifications

Seal material

FPM

Housing material

High-grade steel 1.4305

### Electrical properties

#### Contact

Contact diameter

1 mm

Max. current

8 A

Nominal voltage U<sub>N</sub>

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

### Connector

Type

straight

Direction of rotation

Standard

### Environmental and real-life conditions

#### Ambient conditions

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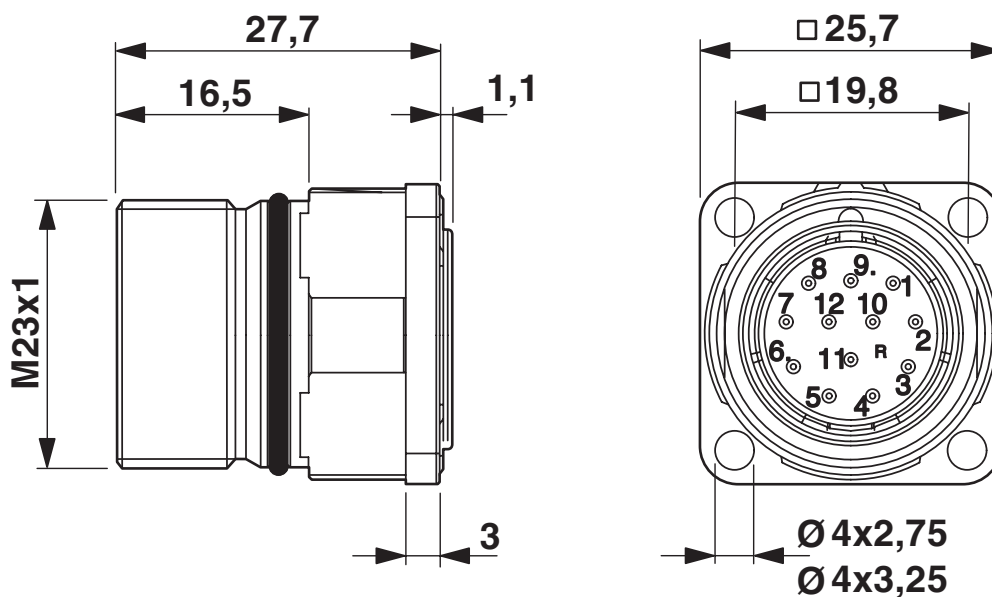
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Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

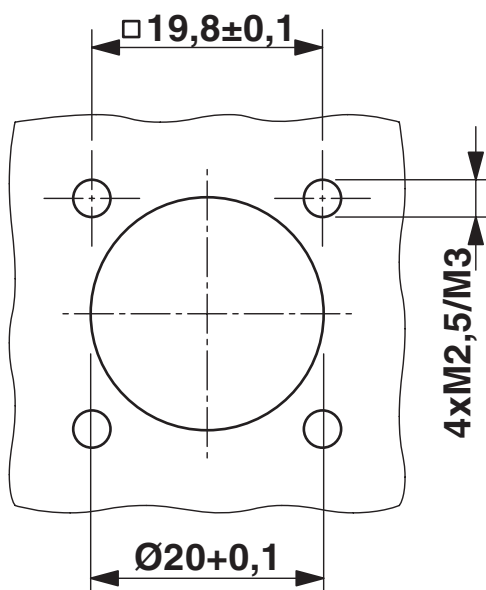
## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Installation dimensions

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1613740>

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

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

<b>cULus Recognized</b>				
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## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
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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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