

# RF-19M1N12WA00 - Device connector front mounting



1625944

<https://www.phoenixcontact.com/us/products/1625944>

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Device connector front mounting, application: Signal, straight, Screw locking mechanism, M23, number of positions: 16+3, contact connection type: Pin, Axial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 19, connection method: Solder connection, series: RF

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

## Commercial data

Item number	1625944
Packing unit	20 pc
Minimum order quantity	1 pc
Product key	ABRAGL
GTIN	4046356694360
Weight per piece (including packing)	63.7 g
Weight per piece (excluding packing)	63.7 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Signal
Number of positions	19
Connection profile	16+3
Shielded	yes
Coding	N
Thread type	M23

### Material specifications

Flammability rating according to UL 94	V0
Seal material	FPM

### Electrical properties

#### Contact: Contact group 1

Contact diameter	1.5 mm
Min. cross section	0.08 mm <sup>2</sup>
Max. cross section	1 mm <sup>2</sup>
Nominal current I <sub>N</sub>	10 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

#### Contact: Contact group 2

Contact diameter	1 mm
Min. cross section	0.08 mm <sup>2</sup>
Max. cross section	1 mm <sup>2</sup>
Nominal current I <sub>N</sub>	8 A

### Connection data

#### Conductor connection

Connection method	Solder connection
Contact connection type	Pin

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	50
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## Connector

Type	straight
Direction of rotation	Standard

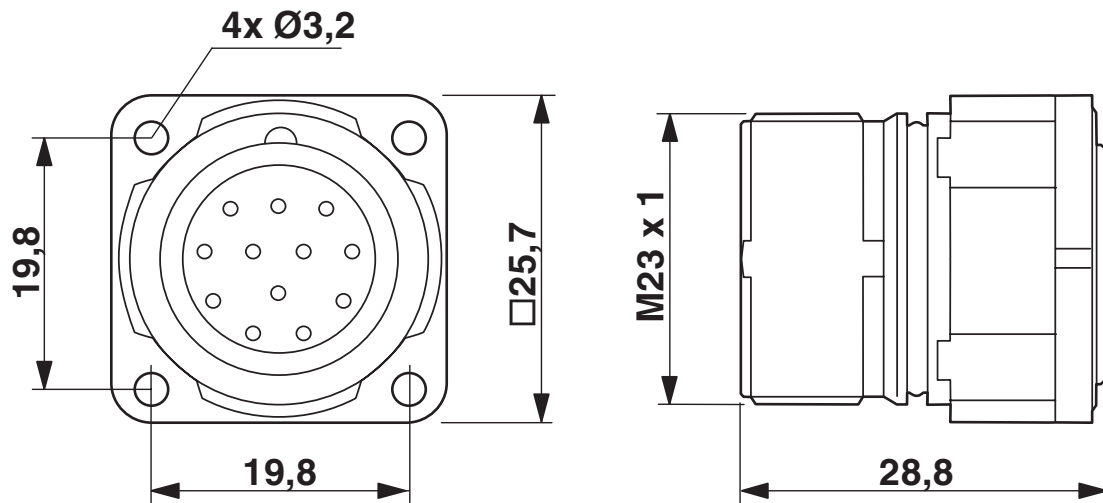
## Environmental and real-life conditions

### Ambient conditions

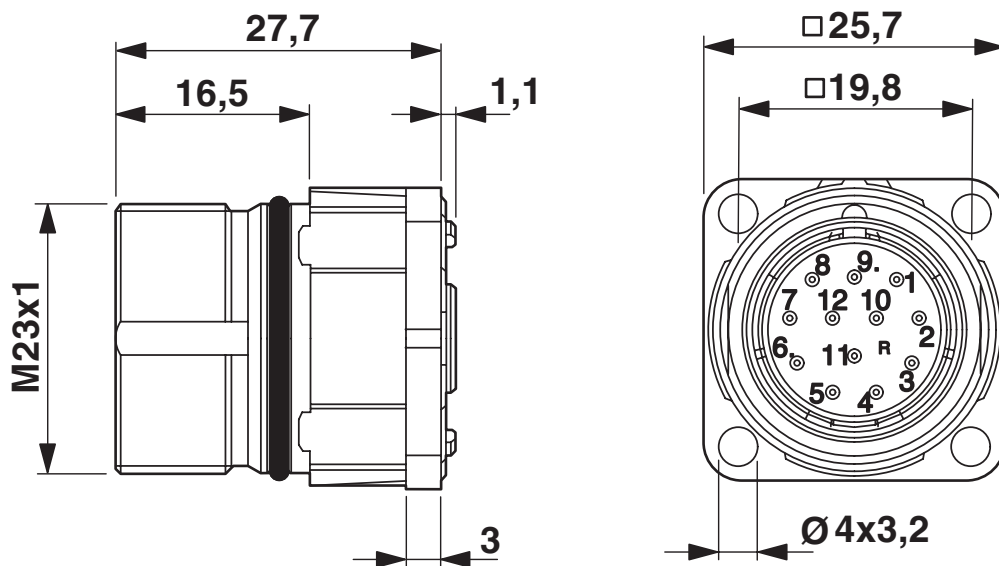
Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

Drawings

Dimensional drawing



Dimensional drawing



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Schematic diagram



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## Classifications

### UNSPSC

UNSPSC 21.0	39121413
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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)
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