

# RF-12S1S8AWU00 - Device connector front mounting



1613709

<https://www.phoenixcontact.com/us/products/1613709>

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Device connector front mounting, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, Axial O-ring, 4x Ø 2.7 mm, shielded: yes, number of positions: 12, connection method: Crimp connection, series: RF

## Commercial data

Item number	1613709
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGL
GTIN	4046356443203
Weight per piece (including packing)	39.15 g
Weight per piece (excluding packing)	39.15 g
Country of origin	DE

## Technical data

### Notes

Order information:	Order crimp contacts Ø 1 mm separately
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### Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Feedback, signal
Number of positions	12
Connection profile	12
Shielded	yes
Coding	S
Thread type	M23

### Material specifications

Seal material	FPM
Housing material	High-grade steel 1.4305

### Electrical properties

#### Contact

Contact diameter	1 mm
Nominal current $I_N$	8 A
Nominal voltage $U_N$	150 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	2.5 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

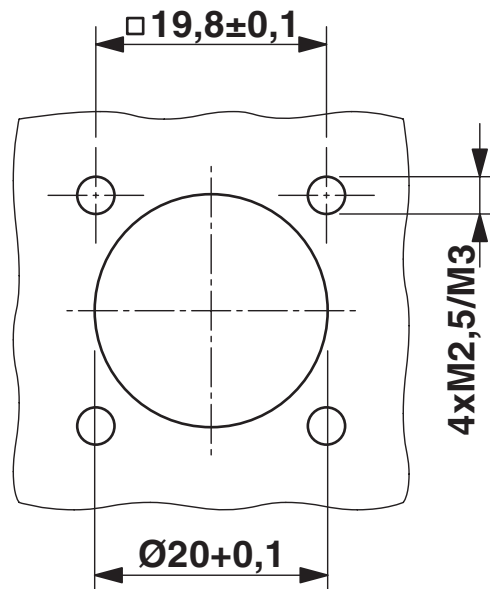
#### Ambient conditions

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

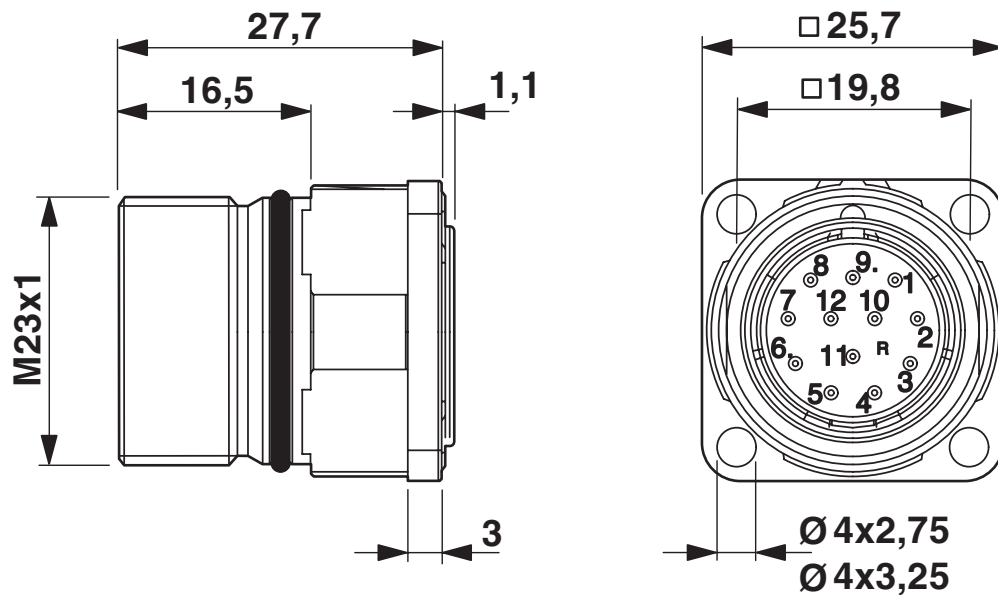
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## Drawings

## Dimensional drawing



## Dimensional drawing



Environmental product compliance

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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