

# RF-12S1N8AA500 - Device connector front mounting



1620675

<https://www.phoenixcontact.com/us/products/1620675>

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The figure shows the 12-pos.  
product version with sockets

Device connector front mounting, application: Signal, angled rotatable, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, Axial O-ring, 4x Ø 3.2, shielded: yes, flange dimensions: 26 mm x 26 mm, number of positions: 12, connection method: Crimp connection, series: RF

## Commercial data

Item number	1620675
Packing unit	16 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGM
GTIN	4046356845991
Weight per piece (including packing)	66.66 g
Weight per piece (excluding packing)	66.66 g
Country of origin	DE

## Technical data

### Notes

Order information:	Order 12 x 1 mm crimp contacts separately
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### Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Signal
Number of positions	12
Connection profile	12
Shielded	yes
Coding	N
Thread type	M23

### Dimensions

#### Housing

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

Seal material	FPM
Housing material	Metal

### 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	angled rotatable
Direction of rotation	Standard

### Environmental and real-life conditions

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## Ambient conditions

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

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## Environmental product compliance

EU REACH SVHC

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