

RF-12P2S8AA200 - Device connector front mounting



1607268

<https://www.phoenixcontact.com/us/products/1607268>

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Device connector front mounting, angled fixed, Screw locking mechanism, M23, number of positions: 12, contact connection type: Pin, Axial O-ring, shielded: yes, flange dimensions: 26 mm x 26 mm, number of positions: 12, connection method: Crimp connection, series: RF, this item is expected to be lead-free from Q4 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1607268
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGM
GTIN	4046356268332
Weight per piece (including packing)	140.19 g
Weight per piece (excluding packing)	132.998 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
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Mounting

Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
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Product properties

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

Dimensions

Housing

Flange dimensions	26 mm x 26 mm
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Material specifications

Material Housing	GD-Zn
Material Rotating parts	CuZn
Material Housing surface	Ni
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

RF-12P2S8AA200 - Device connector front mounting



1607268

<https://www.phoenixcontact.com/us/products/1607268>

Connection method	Crimp connection
Contact connection type	Pin

Connector

Type	angled fixed
Direction of rotation	Counter direction

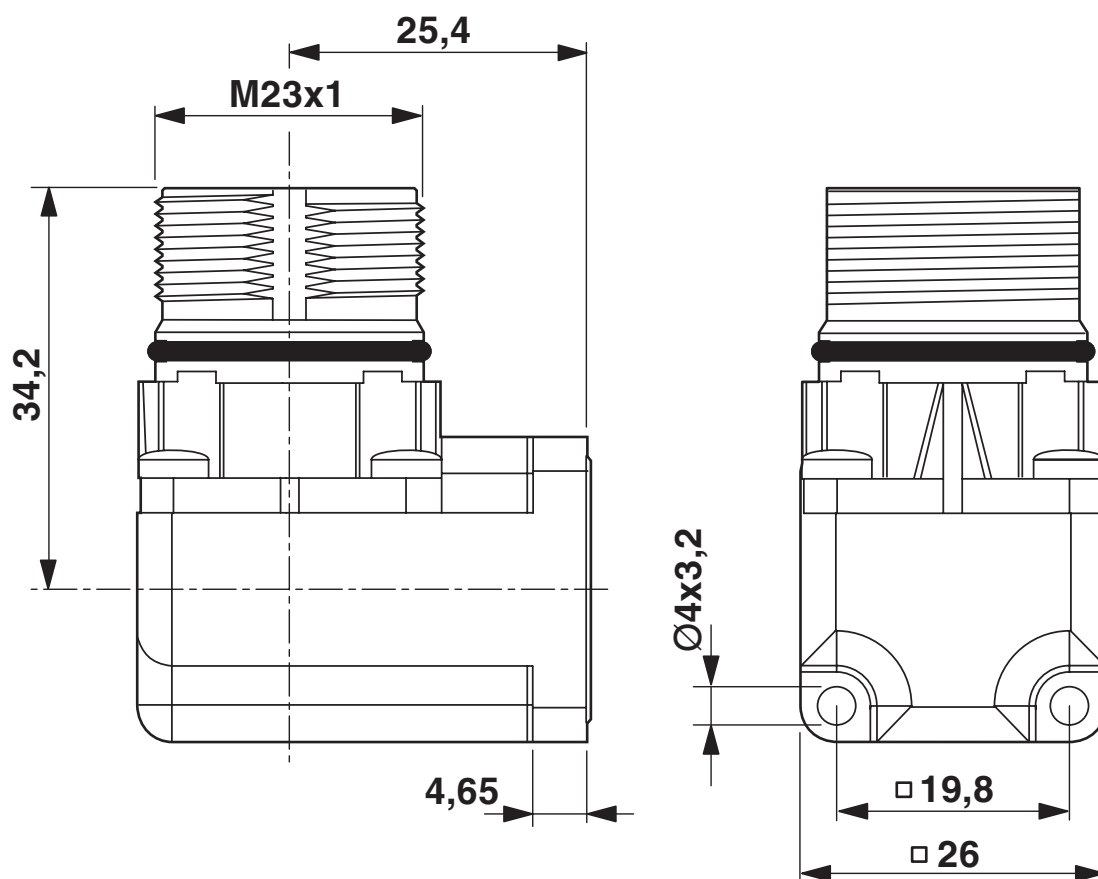
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing

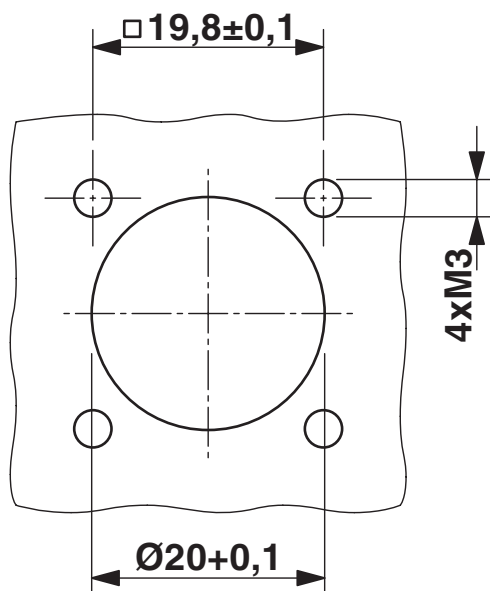


Dimensional drawing

1607268

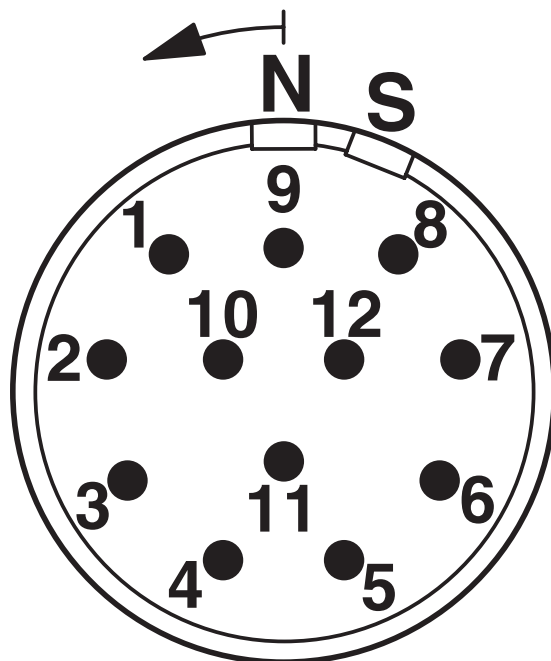
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Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

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1607268

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1607268>

 cUL Recognized Approval ID: E153698-20090723				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	5 A	20	-

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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
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: n/a)
SCIP	a686cd87-7a5e-49dc-b313-9bf2fb4ecf8d

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