

RF-16S1N8AA200 - Device connector front mounting



1613784

<https://www.phoenixcontact.com/us/products/1613784>

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The figure shows the 12-pos.
product version

Device connector front mounting, application: Signal, angled fixed, Screw locking mechanism, M23, number of positions: 16, contact connection type: Socket, Axial O-ring, shielded: yes, flange dimensions: 26 mm x 26 mm, number of positions: 16, connection method: Crimp connection, series: RF

Commercial data

Item number	1613784
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGM
GTIN	4046356402286
Weight per piece (including packing)	157.9 g
Weight per piece (excluding packing)	132.812 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	16
Connection profile	16
Shielded	yes
Coding	N
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 Seal	FPM (O-ring)
Flammability rating according to UL 94	V0

Electrical properties

Contact: Contact group 1

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

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Connection method	Crimp connection
Contact connection type	Socket

Connector

Type	angled fixed
Direction of rotation	Standard

Environmental and real-life conditions

Ambient conditions

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

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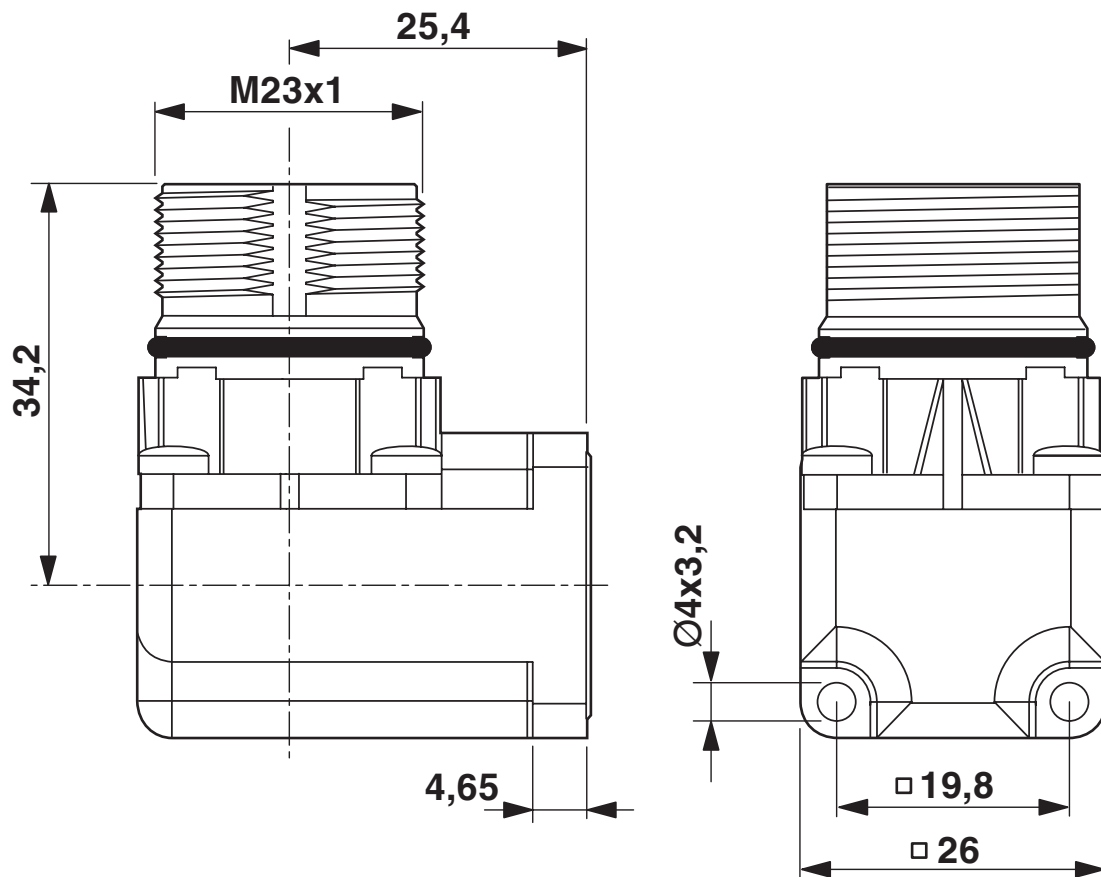


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Drawings

Dimensional drawing



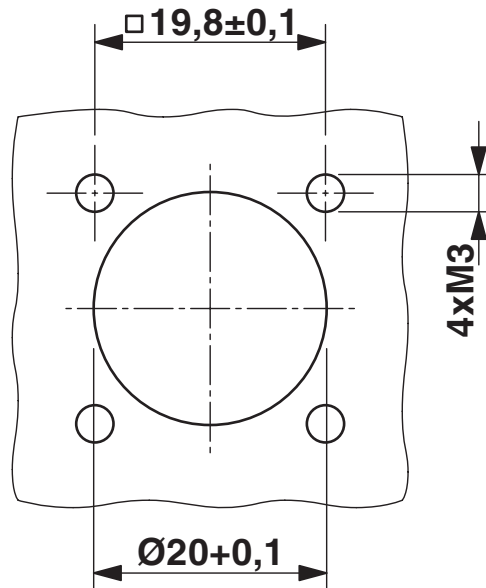
Dimensional drawing

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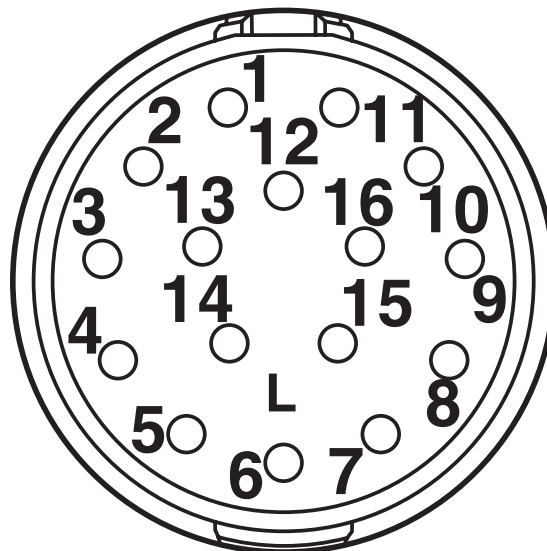
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Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

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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: 7439-92-1)
SCIP	e77cbb3b-297a-4144-984d-b73b9903d978

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