

RF-17P1N8A90DU - Coupler connector



1607326

<https://www.phoenixcontact.com/us/products/1607326>

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Coupler connector, straight, Screw locking mechanism, M23, number of positions: 17, contact connection type: Pin, shielded: yes, degree of protection: IP67, cable diameter range: 5 mm ... 13.2 mm, number of positions: 17, connection method: Crimp connection, series: RF, This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Commercial data

Item number	1607326
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAGG
GTIN	4046356174800
Weight per piece (including packing)	97.65 g
Weight per piece (excluding packing)	93.403 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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Product properties

Product type	Circular connector (cable-side)
Series	RF
Application	Feedback, signal
	Signal
Number of positions	17
Connection profile	17
Shielded	yes
Coding	N
Thread type	M23

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)

Connection data

Conductor connection

Connection method	Crimp connection
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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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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Connector

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Type	straight
Direction of rotation	Standard

Cable/line

External cable diameter	5 mm ... 13.2 mm
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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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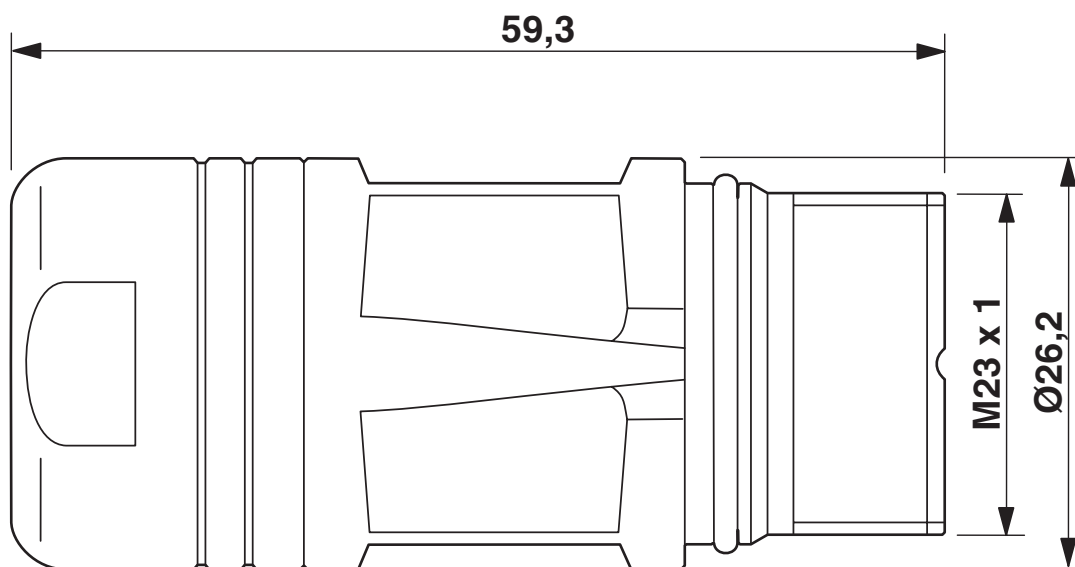


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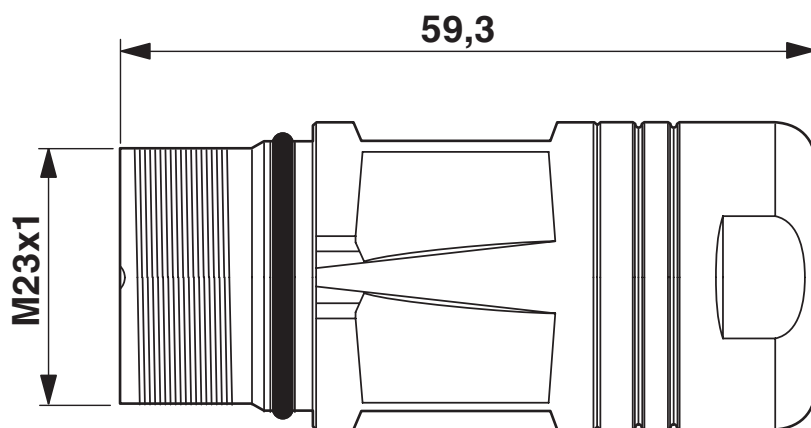
Drawings

Dimensional drawing



RF-12(17)...N8A90DU

Dimensional drawing



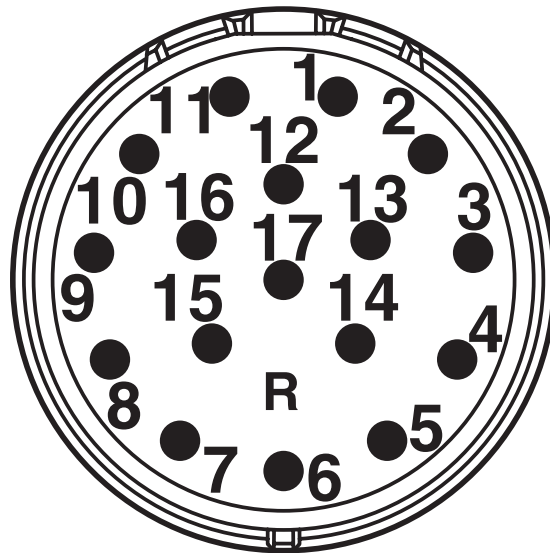
Dimensional drawing

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Schematic diagram



Contact chamber numbering (view of plug-in side), standard pin

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1607326>

 cUL Recognized Approval ID: E153698-20090723				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	48 V	1 A	26	-

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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
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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	10206164-6e7d-44bb-afc3-2551f62a95f2

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