

RF-17P2N8A90DU - Coupler connector



1607334

<https://www.phoenixcontact.com/pc/products/1607334>

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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

Commercial data

Item number	1607334
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGG
Catalog page	Page 78 (PC-2011)
GTIN	4046356174824
Weight per piece (including packing)	97.32 g
Weight per piece (excluding packing)	27.03 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

Seal material	FPM
Housing material	Metal
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 6.6
Gasket and O-ring material	FPM

Connection data

Conductor connection

Connection method	Crimp connection
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Electrical properties

Contact

Contact diameter	1 mm
Max. current	8 A
Nominal voltage U_N	100 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Contact

Overvoltage category	III
Degree of pollution	3

Connector

Type	straight
Direction of rotation	Counter direction

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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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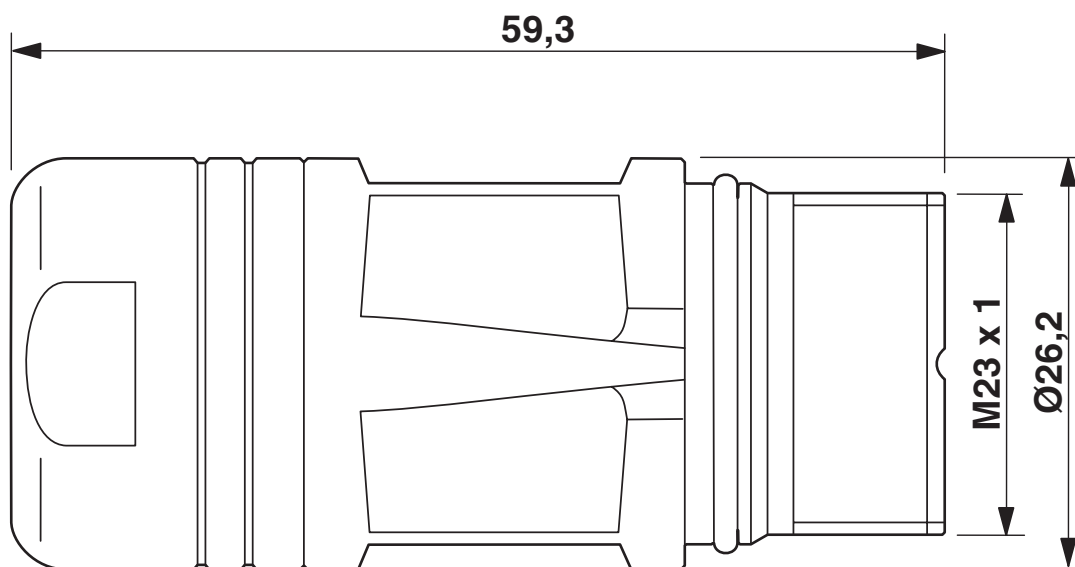


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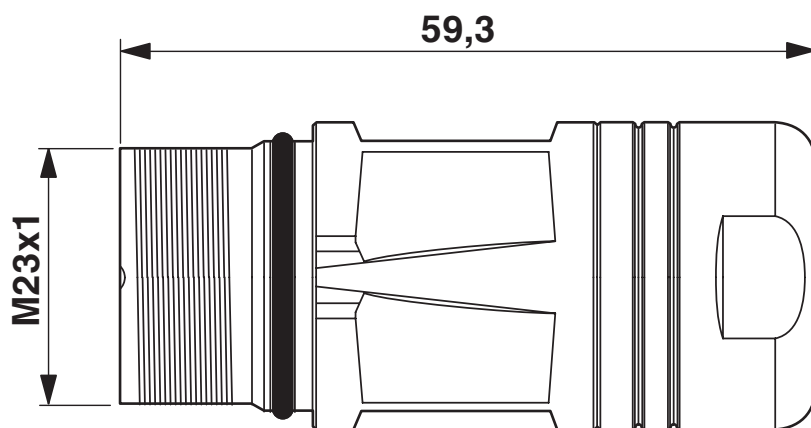
Drawings

Dimensional drawing



RF-12(17)...N8A90DU

Dimensional drawing

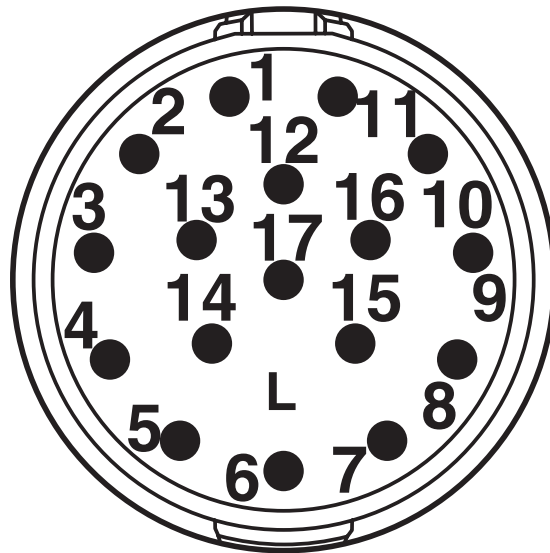


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Schematic diagram



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Environmental product compliance

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.)	No substance above 0.1 wt%

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