

RF-17M1N1290DU - Coupler connector



1616607

<https://www.phoenixcontact.com/us/products/1616607>

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Coupler connector, application: Signal, straight, Screw locking mechanism, M23, number of positions: 17, contact connection type: Pin, shielded: yes, cable diameter range: 5 mm ... 13.2 mm, number of positions: 17, connection method: Solder connection, series: RF

The figure shows the 12-pos. product version with standard contact chamber numbering

Commercial data

Item number	1616607
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGG
GTIN	4046356601870
Weight per piece (including packing)	103.39 g
Weight per piece (excluding packing)	99.01 g
Country of origin	DE

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Technical data

Product properties

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

Material specifications

Seal material	FPM
Housing material	Metal

Connection data

Conductor connection

Connection method	Solder connection
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Electrical properties

Contact

Contact diameter	1 mm
Min. cross section	0.08 mm ²
Max. cross section	1 mm ²
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

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)	-20 °C ... 125 °C
Altitude	2000 m

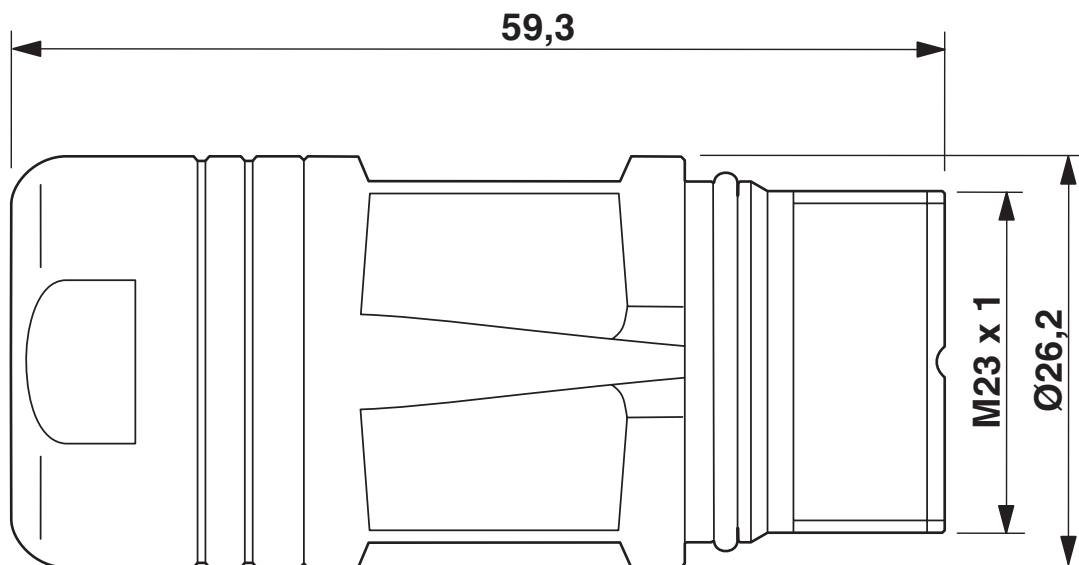
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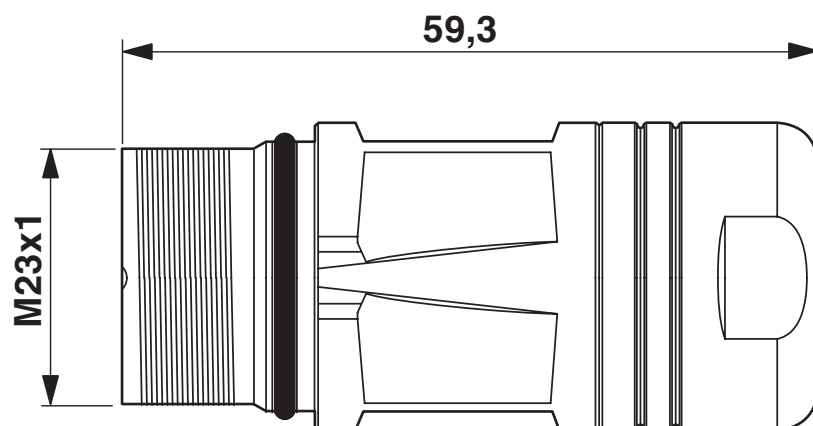
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Drawings

Dimensional drawing



Dimensional drawing



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Schematic diagram



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Classifications

UNSPSC

UNSPSC 21.0	39121413
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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)
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com