

RF-17P1N8A8002 - Cable connector

1607320

<https://www.phoenixcontact.com/us/products/1607320>



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Cable connector, straight, Screw locking mechanism, M23, number of positions: 17, contact connection type: Pin, shielded: yes, cable diameter range: 6 mm ... 10 mm, number of positions: 17, connection method: Crimp connection, series: RF

Commercial data

Item number	1607320
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGA
GTIN	4046356268998
Weight per piece (including packing)	97.07 g
Weight per piece (excluding packing)	46.96 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

Electrical properties

Contact	
Contact diameter	1 mm
Nominal current I_N	8 A
Nominal voltage U_N	48 V AC 74 V DC
Ovvovoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connector

Type	straight
Direction of rotation	Standard

Cable/line

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External cable diameter	6 mm ... 10 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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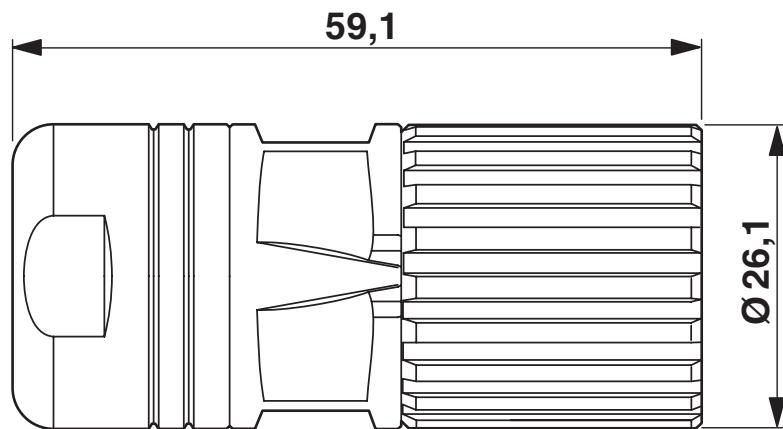
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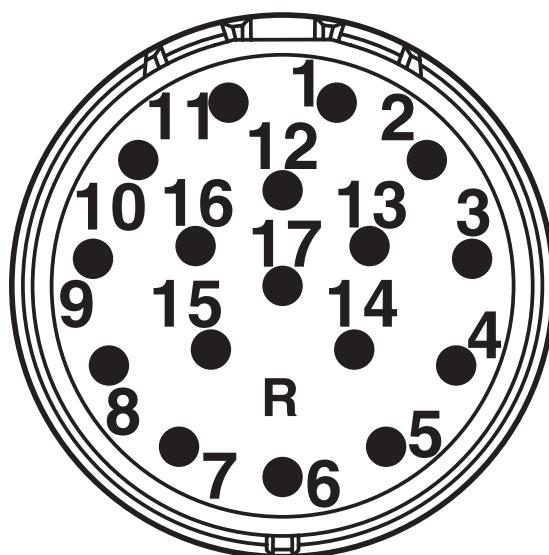


Drawings

Dimensional drawing



Schematic diagram



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

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Classifications

ETIM

ETIM 8.0

EC002635

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)
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