

RF-12S2N8A8VDU - Cable connector



1615068

<https://www.phoenixcontact.com/us/products/1615068>

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Cable connector, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, shielded: yes, degree of protection: IP67, cable diameter range: 5 mm .. 13.2 mm, number of positions: 12, connection method: Crimp connection, series: RF, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1242932

Commercial data

Item number	1615068
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AB33
Product key	ABRAGW
GTIN	4046356367882
Weight per piece (including packing)	109.14 g
Weight per piece (excluding packing)	109 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	Order crimp contacts Ø 1 mm separately
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Mounting

Connection method	Crimp connection
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Product properties

Product type	Circular connector (cable-side)
Number of positions	12
Connection profile	12
Application	Feedback, signal Signal
Series	RF
Shielded	yes
Coding	N
Thread type	M23

Material specifications

Seal material	FPM
Housing material	High-grade steel 1.4305
Insulator material	PA 6.6
Gasket and O-ring material	FPM
Housing material	Metal

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	48 V AC 74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connector

Type	straight
Direction of rotation	Counter direction

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Connection 1

Head design	Socket
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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)	-20 °C ... 125 °C
Altitude	2000 m

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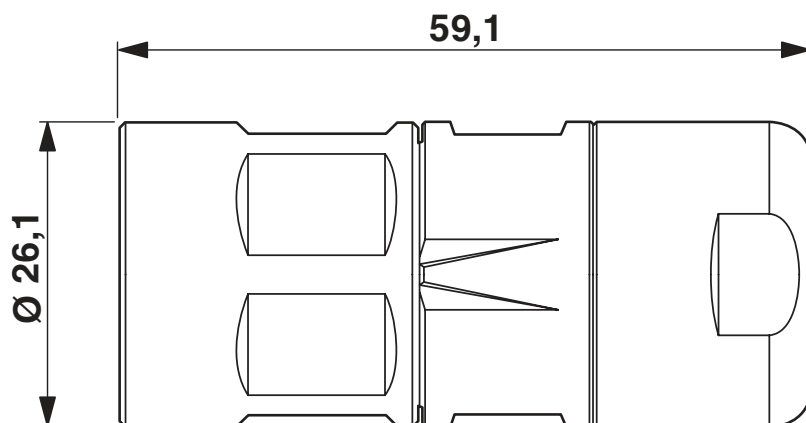


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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1615068>

 cUL Recognized Approval ID: FILE E 153698				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	5 A	- 20	-

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	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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cULus Recognized				
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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

SF-6CS2000 - Crimp contact

1605562

<https://www.phoenixcontact.com/us/products/1605562>



Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

SF-10KS004 - Crimp contact

1607356

<https://www.phoenixcontact.com/us/products/1607356>



Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.5 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

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SF-6AS2000 - Crimp contact

1605557

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Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

SF-10KS010 - Crimp contact

1605481

<https://www.phoenixcontact.com/us/products/1605481>



Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

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