RF-17S1N8AWA00 - Device connector front mounting

1607892

https://www.phoenixcontact.com/us/products/1607892

PHŒNIX CONTACT

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Device connector front mounting, straight, Screw locking mechanism, M23, number of positions: 17, contact connection type: Socket, Axial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 17, connection method: Crimp connection, series: RF

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1607892
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFL
Catalog page	Page 112 (C-2-2019)
GTIN	4046356174862
Weight per piece (including packing)	32.4 g
Weight per piece (excluding packing)	32.4 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately

Mounting

Mounting type	Front mounting
Mounting	4x Ø 3.2

Product properties

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

Data management status

Article revision	05

Material specifications

Seal material	FPM
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

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

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Socket

Connector

Type	straight
Direction of rotation	Standard

Environmental and real-life conditions

Ambient conditions

| Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

Drawings

### Dimensional drawing
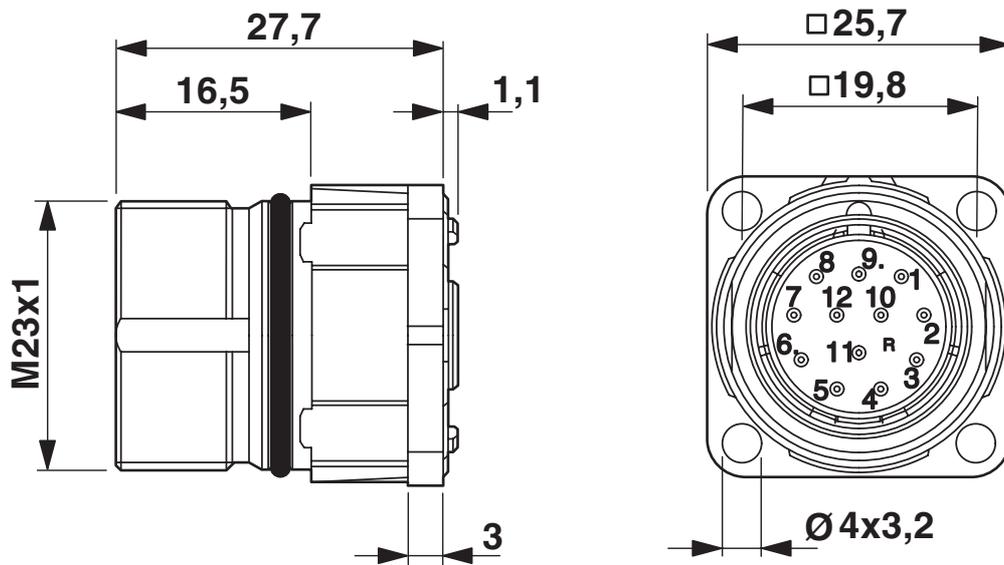
Dimensional drawing

Schematic diagram
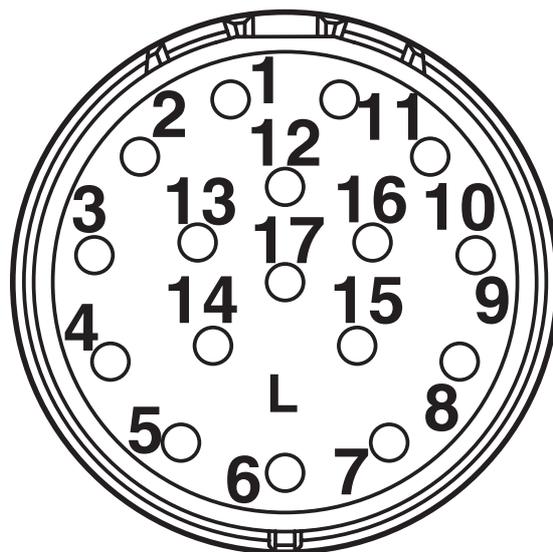
Contact chamber numbering (view of plug-in side), standard socket

Dimensional drawing

4xM3 ... Ø20 $^{+0,1}$ ... 45° ... Ø28 ... □ 19,8 $^{±0,1}$

4xØ3,2 ... Ø20 $^{+0,1}$ ... 45° ... Ø28 ... □ 19,8 $^{±0,1}$
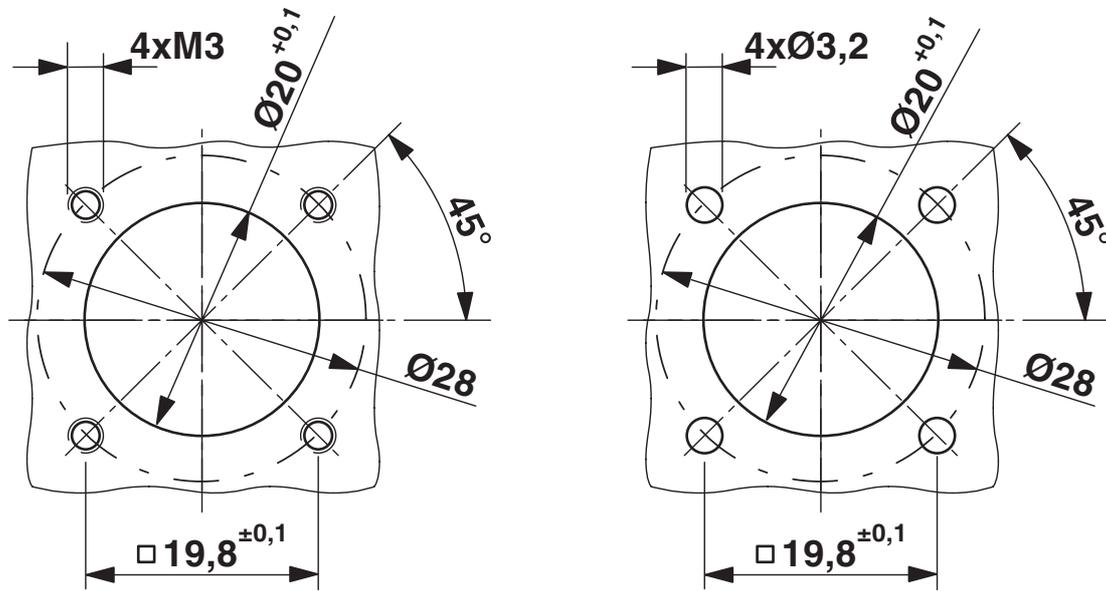
Installation dimensions

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1607892

cUL Recognized
Approval ID: E153698-20090723

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	1 A	26 - 26	-

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cULus Recognized

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%