

RF-17S2N8AWA00 - Device connector front mounting



1607901

<https://www.phoenixcontact.com/pc/products/1607901>

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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, degree of protection: IP67, number of positions: 17, connection method: Crimp connection, series: RF

Commercial data

Item number	1607901
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFL
Catalog page	Page 79 (PC-2011)
GTIN	4046356174886
Weight per piece (including packing)	113.7 g
Weight per piece (excluding packing)	0.23 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

Mounting

Mounting

4x Ø 3.2

Product properties

Product type	Circular connectors (device 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	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	100 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Contact

Overvoltage category	III
Degree of pollution	3

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Socket

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Connector

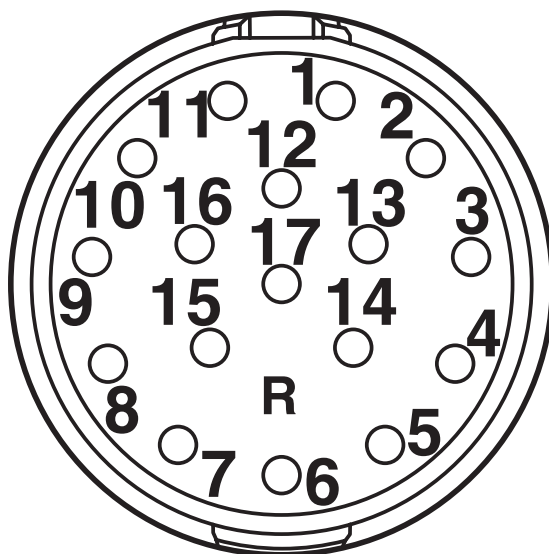
Type	straight
Direction of rotation	Counter direction

Environmental and real-life conditions

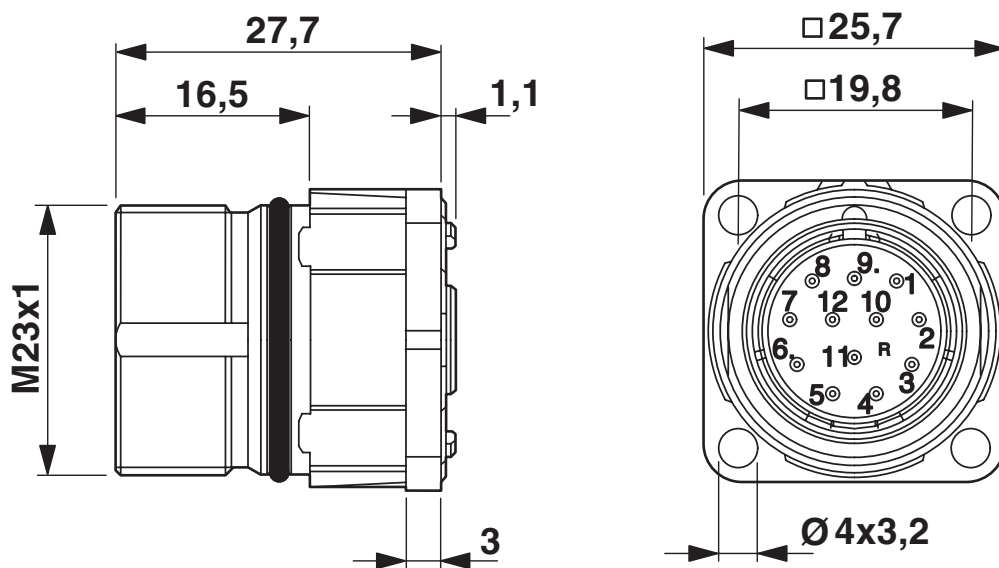
Ambient conditions	
Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

Drawings

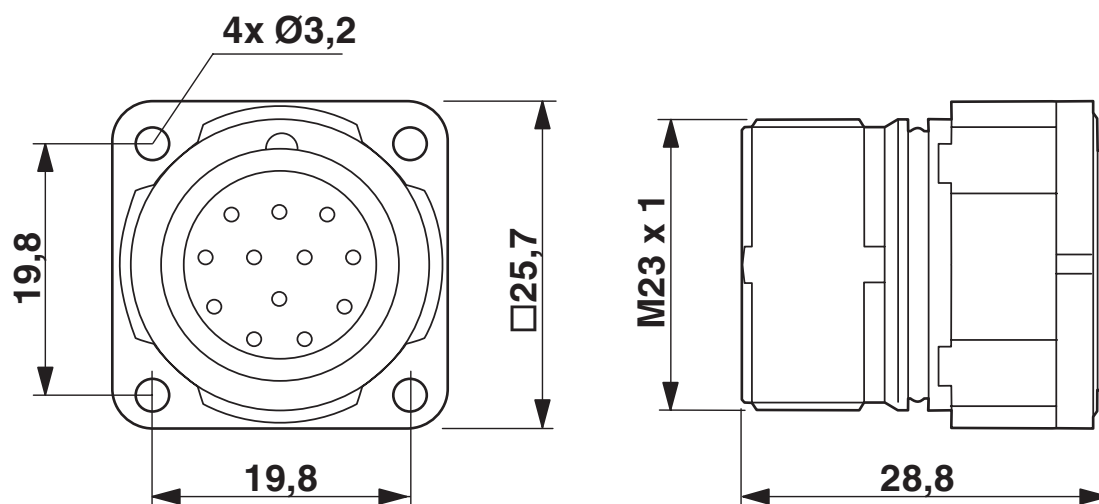
Schematic diagram



Dimensional drawing



Dimensional drawing



RF-...N8AWA00, RF-...N8AWB00

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Classifications

ECLASS

ECLASS-11.0	27440102
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Environmental product compliance

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%

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com