

RC-09P1N122300 - Device connector front mounting



1594922

<https://www.phoenixcontact.com/us/products/1594922>

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M23, Device connector front mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Pin, Solder cup, Flat gasket, 4x Ø 3.2, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240557

Commercial data

Item number	1594922
Packing unit	40 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFL
GTIN	4046356204125
Weight per piece (including packing)	32.707 g
Weight per piece (excluding packing)	30.3 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	9
Direction of rotation	Standard
Connection profile	8+1
Contact diameter Power contacts	2 mm
Litz wire cross-section Power contacts min.	0.08 mm ²
Litz wire cross-section Power contacts max.	2.5 mm ²
Rated current Power contacts	20 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A

Housing

Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

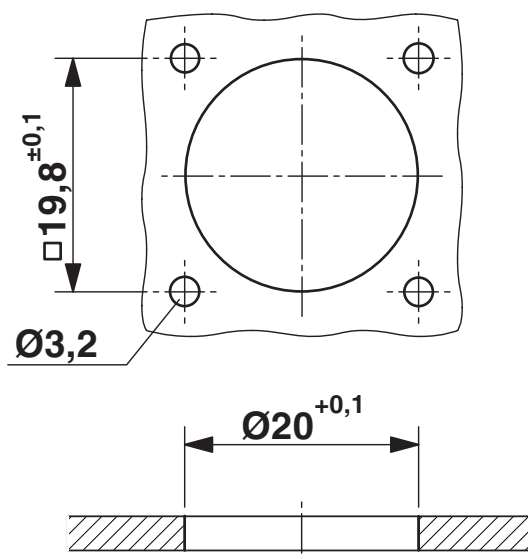
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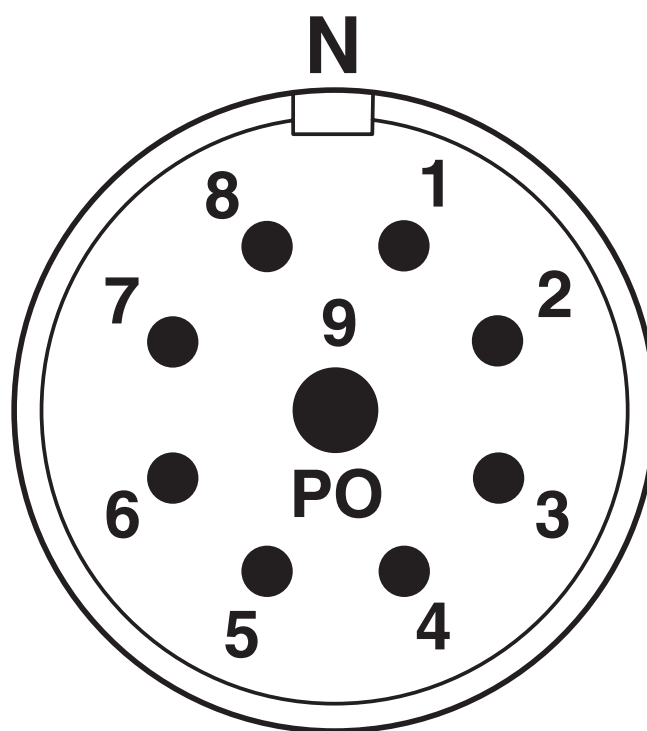
Drawings

Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
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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: 7439-92-1)
SCIP	4f995991-93cc-40a2-b70c-1807cb023450