

CA-12P2NA22S00 - Device connector front mounting



1038691

<https://www.phoenixcontact.com/us/products/1038691>

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Pin, Solder connection, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Your advantages

- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable transmission of signals
- Easy device integration: solder-in contacts available in different lengths

Commercial data

Item number	1038691
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	ABRAEL
GTIN	4055626590639
Weight per piece (including packing)	31.5 g
Weight per piece (excluding packing)	25.019 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Dimensions

Length of the solder pin	10 mm
	10 mm

Material specifications

Flammability rating according to UL 94	V0
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Connector

Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Number Contact (Contact group 1)	12
Diameter Contact (Contact group 1)	1 mm
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm ²
Litz wire cross-section max. Contact (Contact group 1)	1 mm ²
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Type	Flange housing
Thread type	M23
Design	straight
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 3.2 mm)

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Flange dimensions	25 mm x 25 mm
Material (Housing)	GD-Zn
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

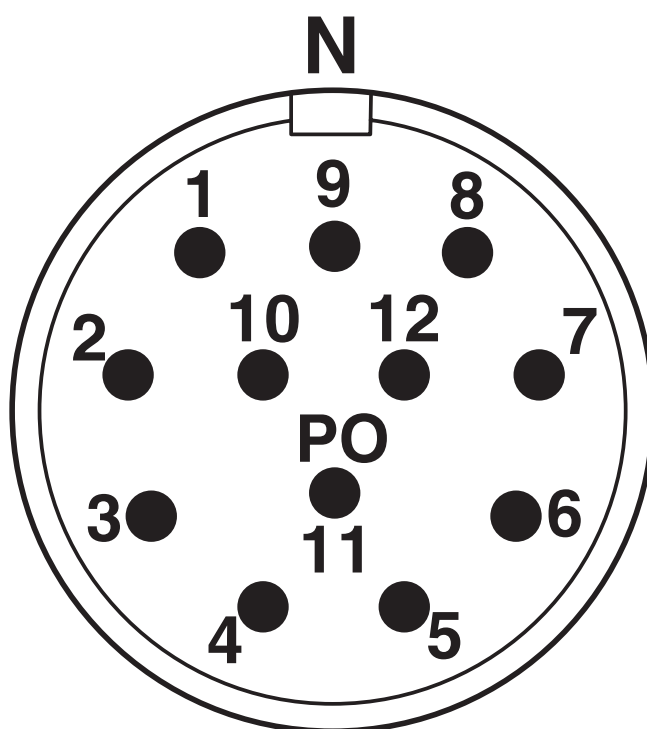
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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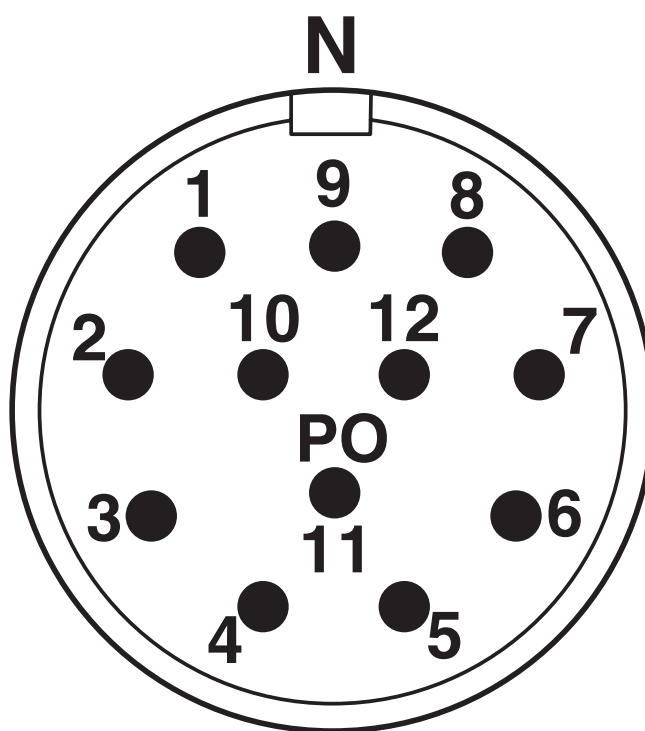
Drawings

Schematic diagram



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

Schematic diagram

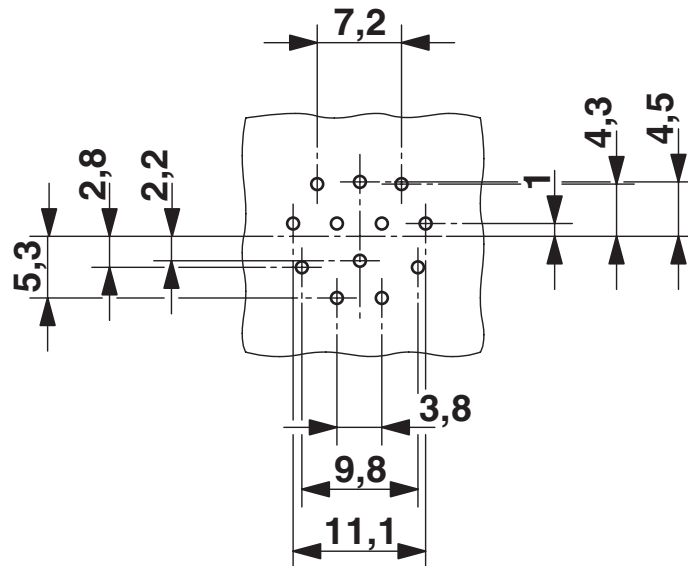


Contact chamber numbering (view of plug-in side), pin counter direction

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Drilling plan/solder pad geometry



12-pos.

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1038691>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	6 A	18	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	8 A	18	-

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 9.0	EC003569
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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	fed9ee37-6fb1-4dd2-a5e3-e631fd199236