

# CA-12P2N1280DNS - Cable connector



1621397

<https://www.phoenixcontact.com/us/products/1621397>

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M23, Cable connector, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N

## Commercial data

Item number	1621397
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEA
GTIN	4046356918503
Weight per piece (including packing)	99.4 g
Weight per piece (excluding packing)	99.4 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector (cable-side)
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### Connector

#### Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	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
Contact diameter	1 mm
Litz wire cross-section	0.08 mm <sup>2</sup>
Litz wire cross-section	1 mm <sup>2</sup>
Rated current	8 A
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

Housing material	CuZn, GD-Zn
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

#### Seal

External cable diameter	3 mm ... 14.5 mm
Seal material	NBR

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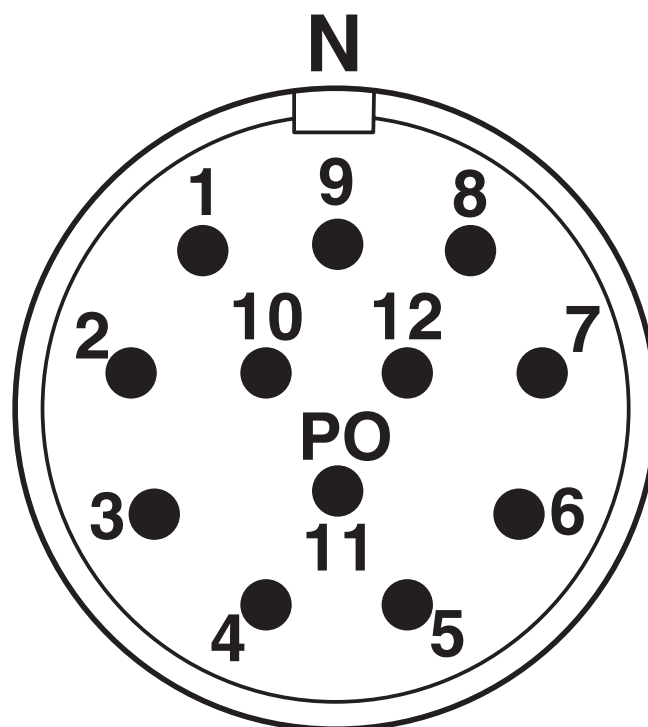
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## Drawings

Schematic diagram



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

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## Classifications

### ECLASS

ECLASS-11.0	27440102
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### ETIM

ETIM 8.0	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)

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