

# CA-12F2N8A8503S - Cable connector



1619462

<https://www.phoenixcontact.com/pc/products/1619462>

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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: Socket, Crimp connection, cable diameter range: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243580

## 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
- Reduced connection time with SPEEDCON fast locking system
- Crimping connection: vibration- and temperature-resistant assembly

## Commercial data

Item number	1619462
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEB
Catalog page	Page 110 (C-2-2019)
GTIN	4046356823852
Weight per piece (including packing)	95.66 g
Weight per piece (excluding packing)	91.6 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	Order crimp contacts Ø 1 mm separately
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### Product properties

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

#### Connection 1

Head design	Socket
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#### Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Feedback, signal
	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter	1 mm
Litz wire cross-section	Signal contacts min. 0.06 mm²
Litz wire cross-section	Signal contacts max. 1 mm²
Nominal current per signal contact	8 A
Rated voltage	Signal contact 48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

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

#### Seal

External cable diameter	6 mm ... 10 mm
Seal material	FPM

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## Environmental and real-life conditions

### Ambient conditions

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