

# CA-12S2N128007 - Cable connector



1627735

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M23, Cable connector, CA, straight, shielded: yes, Screw locking, No. of pos.: 12, Direction of rotation: Counter direction, type of contact: Socket, Solder 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.: 1245508

## Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Solder connection: proven connection technology for various litz wires

## Commercial Data

Item number	1627735
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFA
GTIN	4055626348209
Weight per Piece (including packing)	94.6 g
Weight per Piece (excluding packing)	91 g
Customs tariff number	85366990
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 type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter	1 mm
<b>Power contacts</b>	
Litz wire cross-section <b>Power contacts</b> min.	0.08 mm <sup>2</sup>
Litz wire cross-section <b>Power contacts</b> max.	1 mm <sup>2</sup>
Rated current <b>Power contacts</b>	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	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

#### Seal

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

### Environmental and real-life conditions

#### Ambient conditions

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Ambient temperature (operation)

-40 °C ... 125 °C

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