

# CA-19S1N122S00 - Device connector front mounting



1619957

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M23, Device connector front mounting, CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+3, Direction of rotation: Standard, type of contact: Socket, Solder connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding:N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1243920

## 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	1619957
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFJ
Catalog Page	Page 101 (C-2-2019)
GTIN	4046356820257
Weight per Piece (including packing)	29.4 g
Weight per Piece (excluding packing)	25 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

#### Connection 1

Head design	Socket
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#### Insulating body

Coding	N
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter <b>Power contacts</b>	1.5 mm
Litz wire cross-section <b>Power contacts max.</b>	1 mm <sup>2</sup>
Rated current <b>Power contacts</b>	10 A
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter <b>Signal contacts</b>	1 mm
Litz wire cross-section <b>Signal contacts max.</b>	1 mm <sup>2</sup>
Nominal current per signal contact	8 A

#### Housing

Housing material	GD-Zn
Flange dimensions	25 mm x 25 mm
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

### Environmental and real-life conditions

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## Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

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