

# CA-17S1N8AAD00 - Device connector front mounting



1624280

<https://www.phoenixcontact.com/us/products/1624280>

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The figure shows the product version for pin contacts

M23, Device connector front mounting, application: Signal, series: CA, angled rotatable, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Axial O-ring, coding: N

## Your advantages

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- 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
- Crimping connection: vibration- and temperature-resistant assembly

## Commercial data

Item number	1624280
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEM
GTIN	4055626261171
Weight per piece (including packing)	122.8 g
Weight per piece (excluding packing)	122.8 g
Country of origin	DE

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## Technical data

### Notes

Order information:	Order 17 x 1 mm crimp contacts separately
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### Product properties

Product type	Circular connectors (device side)
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### Connector

#### Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Number (Signal contacts)	17
Contact diameter (Signal contacts)	1 mm
Litz wires Min. cross section (Signal contacts)	0.08 mm <sup>2</sup>
Litz wires Max. cross section (Signal contacts)	1 mm <sup>2</sup>
Rated current Contact (Signal contacts)	8 A (for max. connection cross section)
Rated voltage Contact (Signal contacts)	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	angled rotatable
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
Material (Housing)	GD-Zn
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Axial O-ring

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## Drawings

Schematic diagram



Connector pin assignment

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