

CA-12S1N8A90DN - Coupler connector



1620158

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M23, Coupler connector, CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 12, Direction of rotation: Standard, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding:N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1244047

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
- Crimping connection: vibration- and temperature-resistant assembly

Commercial Data

Item number	1620158
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFI
Catalog Page	Page 88 (C-2-2019)
GTIN	4046356818872
Weight per Piece (including packing)	94.3 g
Weight per Piece (excluding packing)	91.81 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

General	Order 12 x 1 mm crimp contacts 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 type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
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	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
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

Environmental and real-life conditions

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Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

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